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Selection of Schedules

The following is an alphabetical list of various commercial and industrial improvements. The list shows the use-type from Schedule A or, if Schedule A does not apply, the proper schedule to be used in computing the replacement cost. The list refers to commercial and industrial type construction. If the improvement involved is either a dwelling or a converted dwelling, it would be more appropriate to use the residential pricing schedules in computing the replacement cost. The following is the alphabetical listing:

- Airport facilities as follows:
 - Cargo facilities — GCI warehouse.
 - Maintenance and service buildings — GCI small shop.
 - Passenger terminals, ground floor — GCM hotel/motel service.
 - Passenger terminals, upper floor — GCM general office.
- Apartments as follows:
 - Commercial flats, one (1) through three (3) stories and wood joist framing — GCR apartment unit.
 - Commercial flats, four (4) or more stories — GCM apartment unit.
 - Club house — GCR service.
 - Elevator apartments, one (1) through three (3) stories and wood joist framing — GCR apartment unit.
 - Elevator apartments, four (4) or more stories — GCM apartment unit.
 - Fireproof steel apartments — GCM apartment unit.
 - Fire resistant apartments — GCM apartment unit.
 - Reinforced concrete apartments — GCM apartment unit.
 - Walk-up wood joist framed apartments — GCR apartment unit.
 - Service areas "1" — GCR motel service.
- Arenas — Schedule G.
- Auditoriums — GCM theater.
- Auto and truck agencies as follows:
 - Administrative offices as follows:
 - One story wood joist framing — GCR general office.
 - Multi-story or fire resistant, reinforced concrete, or fireproof steel framing — GCM general office.
 - Body shop — "1" — GCI commercial garage.
 - Parts storage — "1" — GCI utility storage.
 - Service garage — GCM auto service.
 - Showrooms — GCM auto showroom.
- Auto and truck repair as follows:
 - Auto agencies service departments — GCM auto service.
 - Body shops — "1" — GCI commercial garage.
 - Department store centers — GCM auto service.
 - Franchise type centers — GCM auto service.
 - Small private garages — GCM utility storage.
 - Truck terminal garage — GCI small shop.

- Industrial related garages — GCI small shop.
- Bakeries — GCM general retail.
- Banks as follows:
 - One story wood joist framing — GCR bank.
 - Multi-story or fire resistant, reinforced concrete, or fire-proof steel framing — GCM bank.
- Barber shops — GCM general retail.
- Bars and grills — GCM general retail.
- Beauty shops — GCM general retail.
- Boat garages or storage — GCM utility storage.
- Boat sales and service — GCM general retail and utility storage.
- Body shops — GCI commercial garage.
- Bottling plants as follows:
 - Administrative office — GCI office.
 - Processing facilities — GCI manufacturing.
- Bowling alleys — GCM bowling alley.
- Bulk plants as follows:
 - Administrative offices — GCI office.
 - Maintenance and service facilities — GCI small shop.
 - Processing facilities — GCI manufacturing.
 - Tanks — Schedule G.
- Bus terminals as follows:
 - Inter-city — GCM hotel/motel service.
 - Urban-suburban — GCM general retail.
- Carry outs — GCM general retail and utility storage.
- Car washes as follows:
 - Auto wash — GCM car wash auto.
 - Drive-through — Schedule G.
- Churches — GCM theater.
- City clubs — GCM hotel.
- City halls as follows:
 - One story wood joist framing — GCR general office.
 - Multi-story or fire resistant, reinforced concrete, or fireproof steel framing — GCM general office.
- Class and lectures as follows:
 - One story wood joist framing — GCR general office.
 - Multi-story or fire resistant, reinforced concrete, or fireproof steel framing — GCM general office.
- Classroom multipurpose as follows:
 - One story wood joist framing — GCR general office.
 - Multi-story or fire resistant, reinforced concrete, or fireproof steel framing — GCM general office.

- Club houses — GCR service.
- Cold storage — GCI small shop.
- College facilities as follows:
 - Class and lecture as follows:
 - One story wood joist framing — GCR general office.
 - Multi-story or fire resistant, reinforced concrete, or fireproof steel framing — GCM general office.
 - Laboratory as follows:
 - One store wood joist framing — GCR general office.
 - Multi-story or fire resistant, reinforced concrete, or fireproof steel framing — GCM general office.
 - Student union as follows:
 - One story wood joist framing — GCR general office.
 - Multi-story or fire resistant, reinforced concrete, or fireproof steel framing — GCM general office.
- Community recreational centers as follows:
 - One story wood joist framing — GCR general office.
 - Multi-story or fire resistant, reinforced concrete, or fireproof steel framing — GCM general office.
- Condominiums as follows:
 - One (1) through three (3) stories and wood joist framing — GCR apartment unit.
 - Four (4) or more stories — GCM apartment unit.
 - Residential row type — Residential Schedule A.
- Convenience markets — GCM convenience market.
- Convents — GCM apartment.
- Correctional institutions as follows:
 - One story wood joist framing — GCR general office.
 - Multi-story or fire resistant, reinforced concrete, or fireproof steel framing — GCM general office.
- Country clubs — GCM hotel service.
- Courthouses as follows:
 - One story wood joist framing — GCR general office.
 - Multi-story or fire resistant, reinforced concrete, or fireproof steel framing — GCM general office.
- Credit unions as follows:
 - One story wood joist framing — GCR bank.
 - Multi-story or fire resistant, reinforced concrete, or fireproof steel framing - GCM bank.
- Dairies as follows:
 - Administrative offices — GCI office.
 - Plant — GCI manufacturing.
 - Small retail type -"2" — GCM general retail and utility storage.

- Data processing centers - "3" as follows:
 - One story wood joist framing — GCR general office.
 - Multi-story or fire resistant, reinforced concrete, or fireproof steel framing — GCM general office.
- Day care centers as follows:
 - Commercial type as follows:
 - One story wood joist framing — GCR general office.
 - Multi-story or fire resistant, reinforced concrete, or fireproof steel framing — GCM general office.
 - Residential type — Residential Schedule A.
- Dental laboratories as follows:
 - One story wood joist framing — GCR medical office.
 - Multi-story or fire resistant, reinforced concrete, or fireproof steel framing — GCM medical office.
- Dental offices as follows:
 - One story wood joist framing — GCR medical office.
 - Multi-story or fire resistant, reinforced concrete, or fireproof steel framing — GCM medical office.
- Department stores — GCM department stores.
- Discount stores — GCM discount.
- Dispensaries as follows:
 - One story wood joist framing — GCR general office.
 - Multi-story or fire resistant, reinforced concrete, or fireproof steel framing — GCM general office.
- Dock facilities — Schedule E.
- Dormitories — GCM apartment.
- Drive-in theaters — Schedule G.
- Drug stores — GCM general retail.
- Dry cleaners as follows:
 - Administrative office — GCI office.
 - Plant — GCI small shop.
 - Small retail type — GCM general retail and utility storage "2".
- Electric generation as follows:
 - Auxiliary maintenance and service buildings — GCI small shop.
 - Processing facility — GCI power generating plant.
- Emergency medical centers as follows:
 - One story wood joist framing — GCR medical office.
 - Multi-story or fire resistant, reinforced concrete, or fireproof steel framing — GCM medical office.
- Factories — GCI manufacturing.
- Financial offices as follows:
 - One story wood joist framing — GCR general office.

- Multi-story or fire resistant, reinforced concrete, or fireproof steel framing
— GCM general office.
- Fire stations — GCI office.
- Food and beverage processing facilities as follows:
 - Administrative offices — GCI office.
 - Plant — GCI manufacturing.
- Fraternal associations as follows:
 - Administrative offices as follows:
 - One story wood joist framing — GCR general office.
 - Multi-story or fire resistant, reinforced concrete, or fireproof steel framing — GCM general office.
 - Assembly hall — GCM theater.
 - Dining areas — GCM dining lounge.
- Fraternity houses as follows:
 - Residential type — Residential Schedule A.
 - Modern high rise — GCM apartment.
- Funeral homes as follows:
 - Residential type — Residential Schedule A.
 - Designed as follows:
 - One (1) through three (3) stories and wood joist framing — GCR funeral home.
 - Four (4) or more stories — GCM funeral home.
- Furniture marts as follows:
 - Sales area — GCM discount.
 - Warehouse area — GCM utility storage.
- Garage as follows:
 - Residential type — Yard improvement rule.
 - Commercial type — Commercial garage schedule.
- Golfing facilities as follows:
 - Club houses, private course — GCM hotel service.
 - Club houses, public course — GCM general retail.
 - Driving ranges — Schedule G.
 - Miniature courses — Schedule G.
 - Regulation play — Schedule G.
 - Short play — Schedule G.
- Governmental offices as follows:
 - One story wood joist framing — GCR general office.
 - Multi-story or fire resistant, reinforced concrete, or fireproof steel framing — GCM general office.
- Grain elevators — Grain elevator schedule.
- Greenhouses as follows:
 - Commercial type — Schedule G.

- Residential type — Residential Schedule G.
- Gymnasiums — GCM theater.
- Hangars — GCI hangar.
- Health clubs — GCM health club.
- Hospitals as follows:
 - Convalescent as follows:
 - One story wood joist framing — GCR general office.
 - Multi-story or fire resistant, reinforced concrete, or fireproof steel framing — GCM general office.
 - Full line as follows:
 - One story wood joist framing — GCR general office.
 - Multi-story or fire resistant, reinforced concrete, or fireproof steel framing — GCM general office.
- Hotels, resort lodge, as follows:
 - Guest rooms — GCM hotel/motel units.
 - Service — GCM hotel/motel service.
- Ice skating rinks — GCM ice rink.
- Industrial facilities as follows:
 - Administrative offices — GCI office.
 - Maintenance and service — "1" — GCI small shop.
 - Manufacturing, processing, and assembly — GCI manufacturing.
 - Receiving and storage — "1" — GCI warehouse.
- Labor associations as follows:
 - Administrative offices as follows:
 - One story wood joist framing — GCR general office.
 - Multi-story or fire resistant, reinforced concrete, or fireproof steel framing — GCM general office.
 - Assembly halls — GCM theater.
- Laundromats — GCM general retail.
- Libraries as follows:
 - One story wood joist framing — GCR general office.
 - Multi-story or fire resistant, reinforced concrete, or fireproof steel framing — GCM general office.
- Lounges — GCM dining lounge.
- Maintenance and service shops — GCI small shop.
- Mall enclosures — Mall concourse area schedule.
- Manufacturing facilities as follows:
 - Manufacturing, processing, and assembly — GCI manufacturing.
 - Small shops — GCI small shop.
- Marinas as follows:
 - Boat sales — GCM general retail.
 - Boat service — GCM utility storage.

- Boat garages or storage — GCM utility storage.
- Medical clinics as follows:
 - Full line — See hospitals.
 - Limited service as follows:
 - One story wood joist framing — GCR medical office.
 - Multi-story or fire resistant, reinforced concrete, or fireproof steel framing — GCM medical office.
 - Special purpose as follows:
 - One story wood joist framing — GCR medical office.
 - Multi-story or fire resistant, reinforced concrete, or fireproof steel framing — GCM medical office.
 - Multipurpose as follows:
 - One story wood joist framing — GCR general office.
 - Multi-story or fire resistant, reinforced concrete, or fireproof steel framing — GCM general office.
- Mini-warehouses — GCI mini-warehouse.
- Mobile home parks — commercial yard improvement rule.
- Motels as follows:
 - Low-rise walk-up type and wood joist framing — GCR motel units.
 - Elevator types as follows:
 - One (1) through three (3) stories and wood joist framing — GCR motel units.
 - Four (4) or more stories — GCM hotel/motel units.
 - Service as follows:
 - One (1) through (3) stories and wood joist framing — GCR motel service.
 - Four (4) or more stories — GCM hotel/motel service.
- Museums as follows:
 - One story wood joist framing — GCR general office.
 - Multi-story or fire resistant, reinforced concrete, or fireproof steel framing — GCM general office.
- Night clubs — GCM dining lounge.
- Nursery schools as follows:
 - Residential type — Residential Schedule A.
 - Commercial type as follows:
 - One story wood joist — GCR general office.
 - Multi-story or fire resistant, reinforced concrete, or fireproof steel framing — GCM general office.
- Nursing homes as follows:
 - One (1) through three (3) stories and wood joist framing — GCR nursing home.
 - Four (4) or more stories — GCM nursing home.
- Offices as follows:

- Governmental as follows:
 - One story wood joist framing — GCR general office.
 - Multi-story or fire resistant, reinforced concrete, or fireproof steel framing — GCM general office.
- Multipurpose as follows:
 - One story wood joist framing — GCR general office.
 - Multi-story or fire resistant, reinforced concrete, or fireproof steel framing — GCM general office.
- Special purpose — GCI office.
- Medical as follows:
 - One story wood joist framing — GCR medical office.
 - Multi-story or fire resistant, reinforced concrete, or fireproof steel framing — GCM medical office.
- Open lumber storage — GCM utility storage (adjust for lack of walls and interior components).
- Parking garages — GCM parking garage.
- Photo labs as follows:
 - One story wood joist framing — GCR general office.
 - Multi-story or fire resistant, reinforced concrete, or fireproof steel framing — GCM general office.
- Police stations — GCI office.
- Post offices as follows:
 - Designed as follows:
 - One story wood joist framing — GCR general office.
 - Multi-story or fire resistant, reinforced concrete, or fireproof steel framing — GCM general office.
 - Rural type — GCM general retail.
 - Residential type — Residential Schedule A.
- Printing and publishing facilities as follows:
 - Administrative offices — GCI office.
 - Plants — GCI manufacturing.
 - Small commercial type — GCI small shop.
- Racquetball court building — GCM health club.
- Radio and television stations as follows:
 - Building — GCI office "4".
 - Small transmitting buildings as follows:
 - One story wood joist framing — GCR general office.
 - Multi-story or fire resistant, reinforced concrete, or fireproof steel framing — GCM general office.
- Rectories — GCM apartment.
- Research and development facilities — GCI re-search/development.
- Reservoirs — Schedule G.
- Restaurants as follows:

- Special purpose designs, supper club type — GCM dining lounge.
- Multipurpose designs, neighborhood type — GCM general retail.
- Fast food — Fast food schedule.
- Roller rinks — GCM bowling alley.
- Savings and loan as follows:
 - One story wood joist framing — GCR bank.
 - Multi-story or fire resistant, reinforced concrete, or fire-proof steel framing - GCM bank.
- Schools as follows:
 - Grades one (1) through twelve (12) as follows:
 - One story wood joist framing — GCR general office.
 - Multi-story or fire resistant, reinforced concrete, or fireproof steel framing — GCM general office.
 - Grades thirteen (13) plus as follows:
 - One story wood joist framing — GCR general office.
 - Multi-story or fire resistant, reinforced concrete, or fireproof steel framing — GCM general office.
- Service stations — Service station schedule.
- Showrooms as follows:
 - Auto agency — GCM auto showroom.
 - Auto service center — GCM auto service.
- Small shops — GCI small shop.
- Steam generating plants as follows:
 - Auxiliary maintenance and service buildings — GCI small shop.
 - Processing facility — GCI power generating plant.
- Storage — GCM utility storage.
- Stores as follows:
 - Bake shops — GCM general retail and utility storage "2".
 - Beverage carry-outs — GCM general retail and utility storage "2".
 - Drug stores — GCM general retail.
 - Personal service shops — GCM general retail.
- Student unions as follows:
 - One story wood joist framing — GCR general office.
 - Multi-story or fire resistant, reinforced concrete, or fireproof steel framing — GCM general office.
- Supper clubs — GCM dining lounge.
- Swimming pools as follows:
 - Commercial — Schedule G.
 - Residential — Residential Schedule G.
 - Pool enclosure as follows:
 - Residential type — Residential Schedule G.
 - Commercial type — GCM general retail.

- Synagogues and temples — See churches.
- Taverns, neighborhood type — GCM general retail.
- Telephone exchange offices as follows:
 - One story wood joist framing — GCR general office.
 - Multi-story or fire resistant, reinforced concrete, or fireproof steel framing — GCM general office.
- Tennis barns — GCM health club.
- Theaters as follows:
 - Community, live performance — GCM theater.
 - Drive-in — Schedule G.
 - Metropolitan, live performance or movie — GCM theater.
 - Suburban, movie — GCM theater.
- Town halls as follows:
 - One story wood joist framing — GCR general office.
 - Multi-story or fire resistant, reinforced concrete, or fireproof steel framing — GCM general office.
- Trailer courts — Yard improvement rule.
- Truck terminals, dock type and back-in type — GCI truck terminal.
- Tunnels — Basement rates from GCM or GCI, calculate using tunnel PAR.
- University facilities — See college facilities.
- Veterinary hospitals as follows:
 - One story wood joist framing — GCR general office.
 - Multi-story or fire resistant, reinforced concrete, or fireproof steel framing — GCM general office.
- Warehouses — GCI warehouse.
- Water storage tanks — Schedule G.
- Youth hostels — GCR nursing home.

- **Note:** If an item listed in the Selection of Schedules section contains a number, such as “1”, it means the following:
 - "1" means if priced as a separate building, section, or floor.
 - "2" means calculated percentage of each.
 - "3" means generally requires a floor adjustment from Schedule C.
 - "4" means a plus or minus design consideration.

SCHEDULE A.1

GCM Base Prices

| Floor Level | Fin Type | Use Type | Flr Hgt | Wall Type | 2 Fire Resistant | | | | | | | | | | 1 Wood | | 3 Rein | 4 F P | |
|--------------------|------------------------|------------------------------|-----------------|-----------|---------------------|-------|-------|-------|--------|--------|--------|--------|--------|--------|-----------|-------|-----------|----------|-------|
| | | | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | Jst | Conc | Steel | | |
| | | | | | | | | | | | | | | | (-) | (+) | (+) | | |
| Sub Bsm | UF | Parking | 8' | 2 | 25.42 | 28.32 | 31.91 | 36.84 | 39.23 | 43.31 | 48.29 | 55.46 | 60.64 | 67.06 | 11.42 | 11.02 | 9.76 | 12.23 | |
| Bsmt | UF | Utility/Storage | 9' | 1 | 17.05 | 18.23 | 19.83 | 22.16 | 22.96 | 24.66 | 26.91 | 30.17 | 32.45 | 35.34 | 5.90 | 7.38 | 6.57 | 8.19 | |
| | | | | 2 | 18.04 | 20.26 | 23.04 | 26.61 | 28.66 | 31.69 | 35.36 | 40.34 | 44.01 | 48.50 | 7.39 | 9.07 | 7.71 | 9.61 | |
| | | Stand Alone Basement | 9' | 1 | 21.25 | 23.27 | 25.92 | 29.30 | 31.10 | 33.85 | 37.25 | 42.10 | 45.56 | 49.82 | 7.26 | 7.38 | 7.62 | 9.50 | |
| | | | | 2 | 22.24 | 25.29 | 29.13 | 33.75 | 36.81 | 40.87 | 45.69 | 52.27 | 57.12 | 62.98 | 8.75 | 9.07 | 8.53 | 10.63 | |
| | Parking Garage | 8' | 2 | 21.22 | 23.29 | 25.83 | 29.70 | 31.09 | 34.12 | 37.96 | 43.53 | 47.53 | 52.58 | 10.06 | 9.12 | 7.55 | 9.47 | | |
| | FO | General Retail | 12' | 1 | 37.81 | 40.18 | 43.70 | 47.92 | 50.03 | 53.23 | 57.24 | 62.93 | 66.81 | 71.60 | 7.82 | 8.38 | 7.65 | 9.65 | |
| | | | | 2 | 52.16 | 55.89 | 61.38 | 67.41 | 71.24 | 76.09 | 81.93 | 89.93 | 95.47 | 102.15 | 9.01 | 9.77 | 8.95 | 11.29 | |
| | | Dinning/Lounge | 10' | 1 | 50.89 | 53.28 | 57.24 | 61.67 | 63.88 | 67.03 | 71.03 | 76.81 | 80.55 | 85.17 | 7.08 | 8.38 | 5.46 | 6.94 | |
| | | | | 2 | 51.97 | 55.50 | 60.76 | 66.55 | 70.13 | 74.73 | 80.29 | 87.96 | 93.23 | 99.60 | 8.72 | 9.77 | 6.05 | 7.68 | |
| | FD | Office | 10' | 1 | 56.06 | 57.37 | 58.43 | 60.40 | 62.31 | 64.11 | 68.03 | 73.69 | 77.38 | 81.93 | 7.05 | 7.34 | 5.92 | 7.52 | |
| | | | | 2 | 57.32 | 59.88 | 62.20 | 65.41 | 67.28 | 71.81 | 77.30 | 84.85 | 90.06 | 96.36 | 8.69 | 8.74 | 6.56 | 8.33 | |
| | | Apartment | 10' | 1 | 37.40 | 39.34 | 42.42 | 46.04 | 47.74 | 50.34 | 53.67 | 58.47 | 61.65 | 65.59 | 6.50 | 8.04 | 8.15 | 8.40 | |
| | | | | 2 | 38.84 | 42.06 | 46.59 | 51.78 | 55.00 | 59.24 | 64.36 | 71.36 | 76.29 | 82.26 | 8.57 | 8.77 | 9.11 | 9.20 | |
| | First | UF | Utility/Storage | 14' | 1 | 19.65 | 23.44 | 28.21 | 33.07 | 37.67 | 42.46 | 47.70 | 54.49 | 59.59 | 65.63 | 6.12 | 11.07 | 12.30 | 13.96 |
| | | | | | 2 | 21.05 | 26.33 | 32.78 | 39.41 | 45.79 | 52.46 | 59.73 | 68.98 | 76.07 | 84.37 | 8.24 | 12.21 | 13.57 | 15.40 |
| | | | Parking Garage* | 10' | 1 | 19.05 | 21.67 | 24.90 | 28.89 | 31.47 | 35.04 | 39.12 | 44.94 | 49.15 | 54.38 | 8.03 | 10.95 | 11.90 | 13.57 |
| 2 | | | | | 19.96 | 23.55 | 27.88 | 33.02 | 36.77 | 41.55 | 46.95 | 54.38 | 59.89 | 66.59 | 9.41 | 11.50 | 12.66 | 14.45 | |
| | | | 4 | 18.09 | 21.09 | 24.68 | 29.08 | 32.12 | 36.16 | 40.75 | 47.16 | 51.87 | 57.68 | 8.62 | 10.77 | 11.84 | 13.14 | | |
| SF | | Car Wash Auto | 12' | 1 | 27.19 | 31.09 | 36.21 | 41.29 | 45.98 | 50.72 | 56.10 | 63.26 | 68.49 | 74.72 | 6.70 | 10.65 | 11.83 | 13.46 | |
| | | | | 2 | 28.35 | 33.47 | 39.99 | 46.52 | 52.69 | 58.97 | 66.03 | 75.22 | 82.09 | 90.20 | 8.45 | 11.81 | 13.12 | 14.93 | |
| | | Ice Rink | 18' | 1 | 38.60 | 43.65 | 50.22 | 56.86 | 62.88 | 69.13 | 76.10 | 85.33 | 92.05 | 100.03 | 8.44 | 13.53 | 15.03 | 18.14 | |
| | | | | 2 | 40.50 | 47.54 | 56.39 | 65.40 | 73.83 | 82.61 | 92.32 | 104.87 | 114.27 | 125.31 | 11.30 | 12.33 | 13.70 | 16.53 | |
| Auto Service | | 14' | 1 | 33.36 | 37.69 | 43.48 | 49.18 | 54.27 | 59.65 | 65.64 | 73.59 | 79.36 | 86.22 | 7.19 | 11.94 | 13.27 | 15.06 | | |
| | | | 2 | 34.77 | 40.58 | 48.05 | 55.51 | 62.40 | 69.65 | 77.67 | 88.08 | 95.83 | 104.96 | 9.31 | 13.24 | 14.71 | 16.70 | | |
| FO | | Auto Showroom | 14' | 1 | 42.41 | 48.08 | 55.47 | 62.92 | 69.70 | 76.73 | 84.57 | 94.89 | 102.43 | 111.35 | 9.24 | 9.00 | 10.00 | 11.35 | |
| | | | | 2 | 43.82 | 50.97 | 60.05 | 69.26 | 77.82 | 86.73 | 96.60 | 109.38 | 118.91 | 130.09 | 11.36 | 10.10 | 11.22 | 12.74 | |
| | | Bowling Alley | 14' | 1 | 43.14 | 48.00 | 54.52 | 61.03 | 66.83 | 72.83 | 79.56 | 88.55 | 95.00 | 102.66 | 8.04 | 8.78 | 9.76 | 11.87 | |
| | | | | 2 | 44.55 | 50.89 | 59.09 | 67.36 | 74.95 | 82.83 | 91.59 | 103.04 | 111.47 | 121.40 | 10.16 | 9.57 | 10.63 | 12.92 | |
| | | Theater ** | 20' | 1 | 55.24 | 61.75 | 70.32 | 78.99 | 86.41 | 93.95 | 102.80 | 113.73 | 122.01 | 131.81 | 9.87 | 10.61 | 11.79 | 14.18 | |
| | | | | 2 | 57.38 | 66.15 | 77.28 | 88.63 | 98.78 | 109.18 | 121.12 | 135.79 | 147.10 | 160.34 | 13.10 | 11.18 | 12.42 | 14.94 | |
| | | Health Club *** | 12' | 1 | 51.30 | 55.14 | 58.93 | 62.67 | 66.35 | 71.88 | 78.07 | 86.40 | 92.29 | 99.31 | 7.13 | 7.34 | 8.12 | 9.73 | |
| | | | | 2 | 52.65 | 57.83 | 62.98 | 68.04 | 73.06 | 80.13 | 88.01 | 98.37 | 105.90 | 114.78 | 8.88 | 8.44 | 8.75 | 10.49 | |
| | | General Retail | 14' | 1 | 40.15 | 45.34 | 52.29 | 59.10 | 65.34 | 71.60 | 78.78 | 88.28 | 95.18 | 103.38 | 8.59 | 8.38 | 10.78 | 13.32 | |
| | | | | 2 | 41.56 | 48.23 | 56.87 | 65.44 | 73.46 | 81.60 | 90.81 | 102.77 | 111.66 | 122.12 | 10.71 | 9.77 | 11.65 | 14.40 | |
| | | Discount | 14' | 1 | 38.81 | 43.81 | 50.21 | 56.80 | 62.41 | 68.08 | 74.83 | 83.06 | 89.41 | 96.97 | 8.02 | 9.49 | 10.54 | 13.03 | |
| | | | | 2 | 40.21 | 46.70 | 54.78 | 63.14 | 70.53 | 78.08 | 86.86 | 97.54 | 105.88 | 115.71 | 10.14 | 10.28 | 11.42 | 14.11 | |
| | | Regional Shopping Center | 14' | 1 | 40.79 | 46.02 | 53.02 | 59.88 | 66.16 | 72.46 | 79.68 | 89.25 | 96.19 | 104.43 | 8.62 | 9.02 | 10.02 | 12.39 | |
| | | | | 2 | 42.20 | 48.91 | 57.60 | 66.22 | 74.28 | 82.46 | 91.71 | 103.73 | 112.67 | 123.17 | 10.74 | 9.85 | 10.94 | 13.53 | |
| | | Neighborhood Shopping Center | 14' | 1 | 39.82 | 45.00 | 51.92 | 58.71 | 64.93 | 71.18 | 78.33 | 87.81 | 94.69 | 102.87 | 8.57 | 9.54 | 10.60 | 13.10 | |
| | | | | 2 | 41.23 | 47.89 | 56.50 | 65.04 | 73.05 | 81.18 | 90.36 | 102.29 | 111.17 | 121.61 | 10.70 | 10.37 | 11.52 | 14.24 | |
| | | Department Store | 16' | 1 | 51.09 | 56.54 | 61.62 | 66.96 | 71.94 | 78.72 | 86.71 | 96.46 | 103.98 | 112.87 | 9.19 | 10.61 | 11.79 | 12.39 | |
| | | | | 2 | 53.01 | 60.37 | 67.38 | 74.59 | 81.48 | 90.47 | 100.83 | 113.47 | 123.32 | 134.88 | 11.68 | 11.54 | 12.82 | 13.53 | |
| | | Supermarket | 14' | 1 | 43.29 | 48.56 | 55.68 | 62.63 | 68.95 | 75.30 | 82.58 | 92.24 | 99.22 | 107.50 | 8.62 | 8.71 | 9.68 | 11.97 | |
| | | | | 2 | 44.70 | 51.44 | 60.25 | 68.97 | 77.07 | 85.30 | 94.61 | 106.72 | 115.69 | 126.24 | 10.74 | 9.46 | 10.51 | 12.99 | |
| Convenience Market | | 12' | 1 | 43.04 | 48.07 | 54.92 | 61.59 | 67.62 | 73.67 | 80.62 | 89.88 | 96.54 | 104.46 | 8.27 | 8.68 | 9.64 | 11.97 | | |
| | 2 | | 44.21 | 50.45 | 58.70 | 66.82 | 74.33 | 81.92 | 90.55 | 101.84 | 110.15 | 119.94 | 10.02 | 9.26 | 10.29 | 12.77 | | | |
| Dinning/Lounge | 12' | 1 | 53.39 | 58.20 | 65.14 | 71.87 | 77.69 | 83.69 | 90.47 | 99.63 | 106.04 | 113.68 | 7.82 | 5.42 | 8.07 | 10.02 | | | |
| | | 2 | 54.55 | 60.59 | 68.92 | 77.10 | 84.40 | 91.95 | 100.40 | 111.60 | 119.65 | 129.16 | 9.57 | 5.00 | 8.64 | 10.72 | | | |
| FD | Hotel -- Motel Service | 12' | 1 | 54.03 | 58.93 | 65.98 | 72.70 | 78.58 | 84.43 | 91.23 | 100.43 | 106.85 | 114.51 | 7.83 | 7.88 | 8.76 | 10.50 | | |
| | | | 2 | 55.20 | 61.32 | 69.75 | 77.93 | 85.28 | 92.69 | 101.16 | 112.39 | 120.46 | 129.99 | 9.58 | 8.38 | 9.31 | 11.16 | | |
| | Bank | 14' | 1 | 67.28 | 70.73 | 74.69 | 78.58 | 83.20 | 87.28 | 91.88 | 101.57 | 108.42 | 116.56 | 8.32 | 8.17 | 7.78 | 9.32 | | |
| | | | 2 | 69.09 | 74.27 | 79.95 | 85.49 | 90.47 | 96.61 | 103.91 | 116.06 | 124.89 | 135.30 | 10.44 | 8.51 | 8.49 | 10.17 | | |
| | General Office | 12' | 1 | 59.39 | 63.37 | 67.31 | 71.27 | 75.23 | 81.17 | 87.87 | 96.92 | 103.27 | 110.85 | 7.79 | 6.38 | 9.31 | 11.18 | | |
| | | | 2 | 60.74 | 66.06 | 71.35 | 76.64 | 81.94 | 89.43 | 97.80 | 108.89 | 116.88 | 126.32 | 9.54 | 5.71 | 9.89 | 11.88 | | |
| Medical Office | 12' | 1 | 65.50 | 69.47 | 73.41 | 77.38 | 81.34 | 87.42 | 94.31 | 103.65 | 110.14 | 117.88 | 7.86 | 7.69 | 9.08 | 10.91 | | | |
| | | 2 | 66.84 | 72.17 | 77.46 | 82.75 | 88.05 | 95.68 | 104.24 | 115.61 | 123.75 | 133.35 | 9.61 | 7.02 | 9.63 | 11.56 | | | |

Appendix G

Commercial and Industrial Cost Schedules

SCHEDULE A.1 (continued)

GCM Base Prices (continued)

| Floor Level | Fin Type | Use Type | Flr Hgt | Wall Type | 2 Fire Resistant | | | | | | | | | | 1 Wood Jst | | | | 3 Rein Conc | | 4 F P Steel | |
|-------------|----------|------------------------|------------------|-----------|---------------------|-------|-------|-------|-------|-------|--------|--------|--------|--------|------------------|-------|-------|-------|-------------------|--|-------------------|--|
| | | | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | +1 | (-) | (+) | (+) | | | | |
| | | | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | +1 | (-) | (+) | (+) | | | | |
| First | FD | Country Club | 12' | 1 | 59.63 | 64.59 | 71.86 | 78.75 | 84.69 | 90.60 | 97.48 | 106.84 | 113.31 | 121.01 | 7.77 | 4.93 | 9.08 | 10.88 | | | | |
| | | | | 2 | 60.80 | 66.97 | 75.63 | 83.98 | 91.40 | 98.85 | 107.41 | 118.81 | 126.91 | 136.49 | 9.52 | 4.51 | 9.61 | 11.52 | | | | |
| | | Funeral Home | 12' | 1 | 54.27 | 59.09 | 66.05 | 72.69 | 78.48 | 84.23 | 90.92 | 100.00 | 106.32 | 113.86 | 7.71 | 4.93 | 9.09 | 10.89 | | | | |
| | | | | 2 | 55.43 | 61.48 | 69.83 | 77.92 | 85.18 | 92.49 | 100.86 | 111.96 | 119.92 | 129.33 | 9.46 | 4.51 | 9.67 | 11.60 | | | | |
| | | Nursing Home | 10' | 1 | 50.73 | 55.10 | 61.45 | 67.61 | 72.88 | 78.18 | 84.11 | 92.35 | 98.07 | 104.89 | 6.82 | 6.49 | 9.33 | 11.22 | | | | |
| | | | | 2 | 51.65 | 56.98 | 64.43 | 71.73 | 78.18 | 84.69 | 91.94 | 101.79 | 108.80 | 117.10 | 8.20 | 5.82 | 9.75 | 11.72 | | | | |
| | | Hotel -- Motel Unit | 10' | 1 | 51.64 | 55.15 | 58.64 | 62.14 | 65.64 | 70.86 | 76.70 | 84.51 | 90.00 | 96.50 | 6.08 | 7.80 | 9.07 | 10.91 | | | | |
| | | | | 2 | 52.70 | 57.28 | 61.83 | 66.37 | 70.93 | 77.38 | 84.54 | 93.95 | 100.74 | 108.71 | 7.46 | 8.23 | 9.48 | 11.40 | | | | |
| | | Apartment | 10' | 1 | 39.07 | 43.07 | 48.66 | 54.14 | 58.97 | 63.96 | 69.51 | 76.92 | 82.17 | 88.39 | 5.92 | 6.41 | 9.09 | 10.95 | | | | |
| | | | | 2 | 39.99 | 44.95 | 51.64 | 58.27 | 64.26 | 70.47 | 77.35 | 86.35 | 92.90 | 100.60 | 7.30 | 6.85 | 9.67 | 11.50 | | | | |
| Wall Hgt. | UF | +/- | 1' | 1 | 0.16 | 0.26 | 0.37 | 0.49 | 0.60 | 0.73 | 0.86 | 1.02 | 1.15 | 1.30 | 0.14 | 0.14 | 0.16 | 0.17 | | | | |
| | | | | 2 | 0.28 | 0.51 | 0.77 | 1.04 | 1.31 | 1.60 | 1.91 | 2.28 | 2.59 | 2.93 | 0.32 | 0.25 | 0.28 | 0.30 | | | | |
| | SF | +/- | 1' | 1 | 0.48 | 0.58 | 0.69 | 0.80 | 0.92 | 1.04 | 1.17 | 1.33 | 1.45 | 1.60 | 0.14 | 0.17 | 0.19 | 0.20 | | | | |
| | | | | 2 | 0.61 | 0.83 | 1.09 | 1.35 | 1.62 | 1.91 | 2.22 | 2.59 | 2.89 | 3.23 | 0.32 | 0.28 | 0.31 | 0.34 | | | | |
| | FO | +/- | 1' | 1 | 0.38 | 0.48 | 0.61 | 0.74 | 0.86 | 0.99 | 1.13 | 1.30 | 1.44 | 1.59 | 0.14 | 0.12 | 0.13 | 0.14 | | | | |
| | | | | 2 | 0.50 | 0.73 | 1.01 | 1.29 | 1.57 | 1.86 | 2.18 | 2.57 | 2.87 | 3.23 | 0.32 | 0.17 | 0.19 | 0.22 | | | | |
| | FD | +/- | 1' | 1 | 0.75 | 0.86 | 1.01 | 1.15 | 1.29 | 1.43 | 1.58 | 1.78 | 1.92 | 2.09 | 0.15 | 0.12 | 0.13 | 0.15 | | | | |
| | | | | 2 | 0.87 | 1.11 | 1.41 | 1.71 | 2.00 | 2.30 | 2.63 | 3.04 | 3.36 | 3.72 | 0.33 | 0.16 | 0.18 | 0.21 | | | | |
| | Upper | UF | Utility | 12' | 1 | 17.33 | 19.54 | 22.31 | 25.76 | 27.84 | 30.87 | 34.39 | 39.26 | 42.82 | 47.15 | 6.50 | 7.39 | 8.21 | 9.96 | | | |
| | | | | 2 | 18.60 | 22.15 | 26.44 | 31.49 | 35.19 | 39.91 | 45.27 | 52.36 | 57.71 | 64.10 | 8.42 | 8.45 | 9.39 | 11.38 | | | | |
| | | | Parking Garage | 10' | 1 | 17.30 | 18.61 | 20.18 | 23.10 | 23.52 | 25.66 | 28.42 | 32.79 | 35.83 | 39.79 | 8.82 | 10.95 | 11.90 | 13.57 | | | |
| | | | | 2 | 19.96 | 23.55 | 27.88 | 33.02 | 36.77 | 41.55 | 46.95 | 54.38 | 59.89 | 66.59 | 9.41 | 11.50 | 12.66 | 14.45 | | | | |
| | | | | 4 | 18.09 | 21.09 | 24.68 | 29.08 | 32.12 | 36.16 | 40.75 | 47.16 | 51.87 | 57.68 | 8.62 | 10.77 | 11.84 | 13.14 | | | | |
| | | FO | Health Club *** | 12' | 1 | 49.24 | 51.54 | 53.65 | 56.48 | 59.40 | 62.22 | 66.99 | 73.64 | 78.21 | 83.74 | 7.15 | 5.38 | 5.98 | 7.43 | | | |
| | | | | 2 | 50.72 | 54.49 | 58.08 | 62.35 | 65.52 | 71.26 | 77.87 | 86.74 | 93.11 | 100.68 | 9.07 | 5.96 | 6.62 | 8.22 | | | | |
| | | | General Retail | 12' | 1 | 37.19 | 40.22 | 44.54 | 49.35 | 52.44 | 56.45 | 61.16 | 67.68 | 72.24 | 77.74 | 7.22 | 7.19 | 7.99 | 10.11 | | | |
| | | | | 2 | 38.46 | 42.83 | 48.67 | 55.08 | 59.78 | 65.49 | 72.04 | 80.78 | 87.13 | 94.68 | 9.14 | 7.82 | 8.69 | 10.99 | | | | |
| | | | Mall Shops | 14' | 1 | 38.91 | 42.81 | 48.12 | 53.87 | 57.94 | 62.80 | 68.67 | 76.73 | 82.47 | 89.40 | 9.37 | 6.73 | 7.48 | 9.41 | | | |
| | | | | 2 | 40.43 | 45.92 | 53.05 | 60.70 | 66.71 | 73.59 | 81.64 | 92.35 | 100.23 | 109.62 | 11.66 | 7.56 | 8.40 | 10.56 | | | | |
| | | | Department Store | 14' | 1 | 47.26 | 50.03 | 52.62 | 55.91 | 59.31 | 62.62 | 67.91 | 75.17 | 80.26 | 86.38 | 7.76 | 7.80 | 8.67 | 10.33 | | | |
| | | | | 2 | 49.02 | 53.55 | 57.90 | 62.92 | 66.85 | 73.40 | 80.88 | 90.79 | 98.02 | 106.59 | 10.05 | 8.35 | 9.28 | 11.05 | | | | |
| | | | Dinning/Lounge | 12' | 1 | 51.62 | 55.06 | 60.27 | 65.84 | 69.41 | 73.90 | 79.20 | 86.59 | 91.60 | 97.65 | 7.48 | 5.31 | 5.90 | 7.47 | | | |
| | | | | 2 | 52.89 | 57.67 | 64.40 | 71.56 | 76.75 | 82.94 | 90.08 | 99.69 | 106.50 | 114.60 | 9.40 | 5.83 | 6.48 | 8.20 | | | | |
| | FD | Hotel -- Motel Service | 12' | 1 | 52.24 | 55.70 | 60.94 | 66.54 | 70.13 | 74.64 | 79.96 | 87.38 | 92.42 | 98.48 | 7.49 | 6.28 | 6.98 | 8.64 | | | | |
| | | | | 2 | 53.51 | 58.31 | 65.08 | 72.27 | 77.48 | 83.68 | 90.84 | 100.48 | 107.31 | 115.43 | 9.41 | 6.77 | 7.52 | 9.32 | | | | |
| | | General Office | 12' | 1 | 50.70 | 52.88 | 57.97 | 63.44 | 66.95 | 71.38 | 76.60 | 83.88 | 88.84 | 94.82 | 7.46 | 6.18 | 6.87 | 8.68 | | | | |
| | | | | 2 | 51.39 | 55.49 | 62.10 | 69.16 | 74.29 | 80.42 | 87.48 | 96.98 | 103.73 | 111.76 | 9.37 | 6.70 | 7.44 | 9.41 | | | | |
| | | Medical Office | 11' | 1 | 53.78 | 57.10 | 62.25 | 67.72 | 71.15 | 75.48 | 80.62 | 87.84 | 92.69 | 98.54 | 7.25 | 5.87 | 6.52 | 8.27 | | | | |
| | | | | 2 | 54.93 | 59.46 | 65.98 | 72.89 | 77.78 | 83.65 | 90.45 | 99.68 | 106.15 | 113.85 | 8.99 | 6.30 | 7.00 | 8.88 | | | | |
| | | Nursing Home | 10' | 1 | 48.95 | 51.92 | 56.52 | 61.48 | 64.48 | 68.38 | 73.02 | 79.59 | 83.99 | 89.31 | 6.85 | 6.18 | 6.87 | 8.55 | | | | |
| | | | | 2 | 49.98 | 54.03 | 59.86 | 66.10 | 70.41 | 75.68 | 81.80 | 90.17 | 96.01 | 103.00 | 8.39 | 6.60 | 7.33 | 9.12 | | | | |
| | | Hotel -- Motel Unit | 10' | 1 | 48.57 | 51.69 | 53.58 | 56.20 | 58.90 | 61.49 | 66.01 | 72.36 | 76.68 | 81.92 | 6.87 | 5.99 | 6.66 | 8.29 | | | | |
| | | | | 2 | 50.80 | 54.08 | 57.16 | 60.94 | 63.61 | 68.79 | 74.79 | 82.94 | 88.70 | 95.60 | 8.41 | 6.40 | 7.11 | 8.86 | | | | |
| | | Apartment | 10' | 1 | 37.33 | 40.01 | 43.95 | 48.35 | 51.01 | 54.59 | 58.82 | 64.76 | 68.85 | 73.81 | 6.70 | 7.31 | 8.12 | 8.40 | | | | |
| | | | | 2 | 38.36 | 42.12 | 47.28 | 52.98 | 56.94 | 61.88 | 67.60 | 75.34 | 80.87 | 87.49 | 8.25 | 7.78 | 8.64 | 9.02 | | | | |

* Add to base price (1st floor) to account for roof deck parking

4.72

** Adjust base price to account for balconies, per square foot of balcony area

25.12 1.67 2.33 4.67

***Add per court -- racquetball

41,000

-- squash

33,000

Add to base price (1st floor) to account for elevated floor construction

6.03 4.76 0.60 1.85

Typical base price (1st floor) component for roof & framing

n/a

1 These rates represent an amount of increased cost to elevate a floor over and above what is included in the model for a floor. For instance, most if not all of our first floor models, have included a concrete floor. These costs represent the increased cost to suspend (based on the framing types) a floor higher than the existing floor. An example of this type of entity would be a raised area in a department store, where a set of 3 or 4 steps is required to raise the customer onto a more specialized or exclusively priced area of the store. The raising of a floor over and above what is included in the models could occur in any of the GCM first floor models. These rates are only applicable to the area that is raised within a structure. If less than 100% of the structure or building section includes this feature, then the appropriate rate is multiplied by the percentage of the building or section that has this feature to determine the applicable adjustment.

SCHEDULE A.2

GCI Base Prices

| Floor Level | Fin Type | Use Type | Flr Hgt | Wall Type | 2 Fire Resistant | | | | | | | | | | 1 Wood Jst | | 3 Rein Conc | 4 F P Steel |
|-------------|----------|--------------------------|---------|-----------|---------------------|-------|-------|--------|--------|--------|--------|--------|--------|--------|---------------|-------|----------------|----------------|
| | | | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | +1 | (-) | (+) | (+) |
| Bsmt | UF | Light Utility/Storage | 9' | 1 | 18.92 | 20.83 | 22.34 | 24.47 | 25.59 | 27.68 | 28.39 | 31.88 | 34.28 | 37.32 | 6.36 | 6.46 | 7.07 | 8.50 |
| | | | | 2 | 19.91 | 22.86 | 25.55 | 28.92 | 31.30 | 34.70 | 36.84 | 42.05 | 45.84 | 50.48 | 7.85 | 6.46 | 7.07 | 8.50 |
| | | Heavy Utility/Storage | 9' | 1 | 23.49 | 25.56 | 27.39 | 29.79 | 31.12 | 33.39 | 34.34 | 38.16 | 40.75 | 44.01 | 6.49 | 6.55 | 6.82 | 8.96 |
| | | | | 2 | 24.48 | 27.59 | 30.60 | 34.24 | 36.82 | 40.41 | 42.78 | 48.33 | 52.31 | 57.17 | 7.99 | 6.55 | 6.82 | 8.96 |
| | SF | Light Manufacturing | 9' | 1 | 27.97 | 30.15 | 32.24 | 34.86 | 36.32 | 38.72 | 39.83 | 43.89 | 46.61 | 50.02 | 6.40 | 6.46 | 7.07 | 8.50 |
| | | | | 2 | 28.96 | 32.18 | 35.45 | 39.31 | 42.02 | 45.74 | 48.27 | 54.06 | 58.17 | 63.18 | 7.90 | 6.46 | 7.07 | 8.50 |
| | | Heavy Manufacturing | 9' | 1 | 34.94 | 37.38 | 39.96 | 43.01 | 44.77 | 47.48 | 48.94 | 53.52 | 56.53 | 60.29 | 6.61 | 6.55 | 6.82 | 8.96 |
| | | | | 2 | 35.93 | 39.41 | 43.17 | 47.46 | 50.47 | 54.50 | 57.39 | 63.69 | 68.10 | 73.45 | 8.10 | 6.55 | 6.82 | 8.96 |
| | FO | Truck Terminal Bunk Room | 9' | 1 | 29.74 | 32.14 | 34.52 | 37.43 | 39.15 | 41.83 | 43.24 | 47.68 | 50.68 | 54.42 | 6.57 | 6.46 | 7.07 | 8.50 |
| | | | | 2 | 30.73 | 34.17 | 37.73 | 41.88 | 44.86 | 48.85 | 51.68 | 57.86 | 62.25 | 67.58 | 8.06 | 6.46 | 7.07 | 8.50 |
| First | UF | Light Utility/Storage | 14' | 1 | 22.23 | 26.14 | 31.09 | 36.19 | 40.74 | 45.66 | 51.10 | 58.19 | 63.48 | 69.80 | 6.49 | 10.26 | 11.81 | 12.92 |
| | | | | 2 | 23.56 | 28.88 | 35.42 | 42.19 | 48.43 | 55.12 | 62.49 | 71.91 | 79.08 | 87.55 | 8.50 | 10.26 | 11.81 | 12.92 |
| | | | | 3 | 21.68 | 25.01 | 29.31 | 33.72 | 37.61 | 41.80 | 46.44 | 52.52 | 56.99 | 62.37 | 5.60 | 13.08 | 15.27 | 16.25 |
| | | Heavy Utility/Storage | 14' | 1 | 26.79 | 30.87 | 36.14 | 41.52 | 46.27 | 51.37 | 57.05 | 64.47 | 69.95 | 76.50 | 6.62 | 10.31 | 11.52 | 13.32 |
| | | | | 2 | 28.13 | 33.61 | 40.47 | 47.52 | 53.96 | 60.84 | 68.44 | 78.19 | 85.55 | 94.24 | 8.63 | 10.31 | 11.52 | 13.32 |
| | | | | 3 | 26.24 | 29.74 | 34.36 | 39.04 | 43.14 | 47.51 | 52.39 | 58.79 | 63.46 | 69.06 | 5.73 | 13.88 | 15.90 | 17.54 |
| | | Light Warehouse | 18' | 1 | 24.59 | 28.57 | 33.65 | 38.86 | 43.48 | 48.46 | 53.99 | 61.21 | 66.56 | 72.95 | 6.52 | 11.30 | 13.03 | 14.19 |
| | | | | 2 | 26.42 | 32.30 | 39.57 | 47.07 | 54.00 | 61.41 | 69.57 | 79.97 | 87.90 | 97.23 | 9.27 | 11.30 | 13.03 | 14.19 |
| | | | | 3 | 23.89 | 27.13 | 31.38 | 35.71 | 39.49 | 43.54 | 48.04 | 53.99 | 58.32 | 63.52 | 5.40 | 14.19 | 16.58 | 17.62 |
| | | Mini Warehouse | 12' | 1 | 14.94 | 18.43 | 22.68 | 27.15 | 31.18 | 35.57 | 40.42 | 46.70 | 51.46 | 57.16 | 5.78 | 9.30 | 10.93 | 11.48 |
| | | | | 2 | 16.03 | 20.66 | 26.22 | 32.04 | 37.46 | 43.29 | 49.71 | 57.90 | 64.18 | 71.64 | 7.42 | 9.30 | 10.93 | 11.48 |
| | | | | 3 | 14.47 | 17.46 | 21.15 | 25.01 | 28.48 | 32.24 | 36.40 | 41.80 | 45.85 | 50.73 | 5.00 | 12.87 | 15.30 | 15.70 |
| | | Commercial Garage | 14' | 1 | 29.81 | 34.18 | 39.86 | 45.63 | 50.73 | 56.19 | 62.28 | 70.21 | 76.06 | 83.04 | 6.98 | 10.26 | 11.81 | 12.92 |
| | | | | 2 | 31.14 | 36.91 | 44.19 | 51.63 | 58.42 | 65.66 | 73.67 | 83.93 | 91.66 | 100.79 | 8.99 | 10.26 | 11.81 | 12.92 |
| | | | | 3 | 29.26 | 33.05 | 38.08 | 43.16 | 47.60 | 52.34 | 57.61 | 64.54 | 69.58 | 75.61 | 6.09 | 13.08 | 15.27 | 16.25 |
| | | Hanger | 20' | 1 | 32.00 | 37.23 | 43.92 | 50.74 | 56.87 | 63.42 | 70.68 | 80.06 | 87.05 | 95.34 | 8.20 | 11.81 | 13.63 | 14.83 |
| | | | | 2 | 34.07 | 41.47 | 50.64 | 60.05 | 68.81 | 78.11 | 88.36 | 101.35 | 111.26 | 122.88 | 11.32 | 11.81 | 13.63 | 14.83 |
| | | | | 3 | 31.22 | 35.63 | 41.41 | 47.25 | 52.45 | 57.96 | 64.09 | 72.06 | 77.93 | 84.91 | 6.98 | 14.75 | 17.24 | 18.30 |
| | | Truck Terminal Warehouse | 14' | 1 | 25.55 | 30.19 | 35.56 | 41.06 | 45.94 | 51.43 | 57.63 | 64.80 | 70.64 | 77.65 | 7.10 | 10.26 | 11.81 | 12.92 |
| | | | | 2 | 26.88 | 32.92 | 39.88 | 47.06 | 53.63 | 60.90 | 69.02 | 78.52 | 86.24 | 95.40 | 9.11 | 10.26 | 11.81 | 12.92 |
| | | | | 3 | 24.99 | 29.06 | 33.78 | 38.58 | 42.81 | 47.58 | 52.96 | 59.12 | 64.16 | 70.22 | 6.21 | 13.08 | 15.27 | 16.25 |
| | SF | Loft Warehouse | 14' | 1 | 20.51 | 24.74 | 29.98 | 35.41 | 40.34 | 45.65 | 51.52 | 59.10 | 64.81 | 71.62 | 6.99 | 10.26 | 11.81 | 12.92 |
| | | | | 2 | 21.84 | 27.47 | 34.31 | 41.41 | 48.03 | 55.11 | 62.91 | 72.81 | 80.41 | 89.37 | 9.00 | 10.26 | 11.81 | 12.92 |
| | | Light Manufacturing | 14' | 1 | 32.33 | 36.84 | 42.76 | 48.76 | 54.03 | 59.67 | 65.96 | 74.17 | 80.20 | 87.39 | 6.99 | 10.26 | 11.81 | 12.92 |
| | | | | 2 | 33.66 | 39.58 | 47.09 | 54.75 | 61.72 | 69.14 | 77.35 | 87.89 | 95.80 | 105.13 | 9.00 | 10.26 | 11.81 | 12.92 |
| | | | | 3 | 31.78 | 35.71 | 40.98 | 46.28 | 50.90 | 55.81 | 61.29 | 68.49 | 73.72 | 79.96 | 6.10 | 13.08 | 15.27 | 16.25 |
| | | Heavy Manufacturing | 14' | 1 | 34.10 | 38.95 | 45.29 | 51.71 | 57.38 | 63.43 | 70.18 | 78.96 | 85.43 | 93.11 | 7.43 | 10.31 | 11.52 | 13.32 |
| | | | | 2 | 35.44 | 41.68 | 49.62 | 57.70 | 65.07 | 72.90 | 81.57 | 92.68 | 101.03 | 110.86 | 9.44 | 10.31 | 11.52 | 13.32 |
| | | | | 3 | 33.55 | 37.82 | 43.51 | 49.23 | 54.25 | 59.58 | 65.52 | 73.28 | 78.94 | 85.68 | 6.54 | 13.44 | 15.90 | 16.49 |
| | | Loft Manufacturing | 12' | 1 | 25.92 | 30.00 | 35.24 | 40.60 | 45.35 | 50.46 | 56.13 | 63.54 | 69.03 | 75.58 | 6.64 | 9.75 | 11.21 | 12.29 |
| | | | | 2 | 27.01 | 32.23 | 38.77 | 45.50 | 51.62 | 58.18 | 65.43 | 74.74 | 81.75 | 90.06 | 8.28 | 9.75 | 11.21 | 12.29 |
| | | Mill Manufacturing | 40' | 1 | 66.80 | 76.12 | 82.72 | 86.39 | 93.00 | 104.62 | 117.44 | 133.69 | 146.01 | 160.43 | 13.62 | 17.43 | 19.02 | 22.97 |
| | | | | 2 | 73.68 | 85.82 | 97.25 | 106.28 | 121.31 | 139.46 | 159.36 | 184.18 | 203.42 | 225.74 | 21.02 | 17.43 | 19.02 | 22.97 |
| | | | | 3 | 65.14 | 69.51 | 75.45 | 80.10 | 85.19 | 94.99 | 105.83 | 119.66 | 130.03 | 142.19 | 11.51 | 22.75 | 25.55 | 29.27 |
| | | Small Shop | 14' | 1 | 27.40 | 31.80 | 37.43 | 43.20 | 48.32 | 53.83 | 59.94 | 67.89 | 73.79 | 80.82 | 7.08 | 10.26 | 11.81 | 12.92 |
| | | | | 2 | 28.74 | 34.53 | 41.76 | 49.19 | 56.01 | 63.29 | 71.33 | 81.61 | 89.39 | 98.57 | 9.08 | 10.26 | 11.81 | 12.92 |
| | | | | 3 | 26.85 | 30.67 | 35.66 | 40.72 | 45.19 | 49.97 | 55.28 | 62.21 | 67.31 | 73.39 | 6.19 | 13.08 | 15.27 | 16.25 |
| | | Power Generating Plant | 30' | 1 | 72.18 | 78.89 | 83.92 | 89.67 | 97.34 | 103.13 | 112.82 | 123.09 | 133.89 | 146.57 | 11.84 | 12.61 | 13.31 | 17.08 |
| | | | | 2 | 78.93 | 91.69 | 97.98 | 103.72 | 115.32 | 127.62 | 140.14 | 160.95 | 176.94 | 195.55 | 17.39 | 12.61 | 13.31 | 17.08 |
| | FO | Truck Terminal Bunk Room | 9' | 1 | 27.75 | 31.43 | 36.28 | 41.22 | 45.47 | 50.07 | 55.21 | 61.99 | 66.94 | 72.87 | 5.76 | 8.98 | 10.30 | 11.34 |
| | | | | 2 | 29.27 | 34.55 | 41.22 | 48.05 | 54.25 | 60.87 | 68.20 | 77.63 | 84.71 | 93.08 | 8.04 | 8.98 | 10.30 | 11.34 |
| | | | | 3 | 27.57 | 31.07 | 35.71 | 40.41 | 44.45 | 48.81 | 53.69 | 60.16 | 64.84 | 70.48 | 5.48 | 11.69 | 13.63 | 14.55 |
| | FD | Industrial Office | 12' | 1 | 50.74 | 55.73 | 62.73 | 69.62 | 75.46 | 81.65 | 88.62 | 97.86 | 104.42 | 112.23 | 7.13 | 9.75 | 11.21 | 12.29 |
| | | | | 2 | 51.83 | 57.96 | 66.26 | 74.52 | 81.74 | 89.38 | 97.92 | 109.06 | 117.15 | 126.71 | 8.77 | 9.75 | 11.21 | 12.29 |
| | | | | 3 | 50.26 | 54.75 | 61.19 | 67.49 | 72.77 | 78.33 | 84.60 | 92.96 | 98.81 | 105.79 | 6.35 | 12.52 | 14.61 | 15.57 |
| | | Research/Devel. | 12' | 1 | 61.77 | 66.63 | 70.74 | 73.83 | 79.78 | 86.07 | 93.17 | 102.61 | 109.27 | 117.19 | 7.18 | 9.75 | 11.21 | 12.29 |
| | | | | 2 | 62.48 | 68.61 | 74.49 | 78.72 | 86.05 | 93.79 | 102.47 | 113.81 | 122.00 | 131.67 | 8.82 | 9.75 | 11.21 | 12.29 |
| | | | | 3 | 55.30 | 59.96 | 65.22 | 71.69 | 77.08 | 82.75 | 89.15 | 97.71 | 103.66 | 110.76 | 6.40 | 12.52 | 14.61 | 15.57 |
| Dock Floor | | | +1' | 1 | 0.56 | 0.72 | 0.91 | 1.10 | 1.29 | 1.49 | 1.71 | 1.98 | 2.19 | 2.42 | 0.22 | | | |
| | | | | 2 | 0.63 | 0.84 | 1.09 | 1.34 | 1.59 | 1.85 | 2.13 | 2.48 | 2.75 | 3.06 | 0.28 | | | |

Appendix G

Commercial and Industrial Cost Schedules

SCHEDULE A.2 (continued)

GCI Base Prices (continued)

| Floor Level | Fin Type | Use Type | Flr Hgt | Wall Type | 2 Fire Resistant | | | | | | | | | | 1 Wood Jst | | 3 Rein Conc (+) | 4 F P Steel (+) |
|---------------|----------|--------------------------|---------|-----------|---------------------|-------|-------|-------|-------|-------|-------|--------|--------|--------|---------------|------|--------------------|--------------------|
| | | | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | +1 | (-) | | |
| Wall Hgt. Adj | UF | +/- | 1' | 1 | 0.19 | 0.28 | 0.40 | 0.52 | 0.63 | 0.76 | 0.89 | 1.06 | 1.19 | 1.34 | 0.14 | 0.24 | 0.28 | 0.31 |
| | | | | 2 | 0.31 | 0.54 | 0.80 | 1.07 | 1.34 | 1.63 | 1.94 | 2.32 | 2.62 | 2.97 | 0.32 | 0.24 | 0.28 | 0.31 |
| | | | | 3 | 0.15 | 0.21 | 0.28 | 0.35 | 0.42 | 0.49 | 0.57 | 0.67 | 0.75 | 0.84 | 0.08 | 0.26 | 0.30 | 0.33 |
| | SF | +/- | 1' | 1 | 0.28 | 0.38 | 0.50 | 0.62 | 0.74 | 0.87 | 1.00 | 1.17 | 1.31 | 1.46 | 0.14 | 0.25 | 0.29 | 0.32 |
| | | | | 2 | 0.40 | 0.63 | 0.90 | 1.17 | 1.45 | 1.74 | 2.05 | 2.44 | 2.74 | 3.09 | 0.32 | 0.25 | 0.29 | 0.32 |
| | | | | 3 | 0.24 | 0.30 | 0.38 | 0.45 | 0.52 | 0.60 | 0.68 | 0.79 | 0.87 | 0.96 | 0.08 | 0.28 | 0.33 | 0.35 |
| | FO | +/- | 1' | 1 | 0.28 | 0.38 | 0.50 | 0.62 | 0.74 | 0.87 | 1.00 | 1.17 | 1.31 | 1.46 | 0.14 | 0.25 | 0.29 | 0.31 |
| | | | | 2 | 0.40 | 0.63 | 0.90 | 1.17 | 1.45 | 1.74 | 2.05 | 2.44 | 2.74 | 3.09 | 0.32 | 0.25 | 0.29 | 0.31 |
| | | | | 3 | 0.24 | 0.30 | 0.38 | 0.45 | 0.52 | 0.60 | 0.68 | 0.79 | 0.87 | 0.96 | 0.08 | 0.27 | 0.32 | 0.32 |
| | FD | +/- | 1' | 1 | 0.69 | 0.79 | 0.94 | 1.08 | 1.21 | 1.35 | 1.50 | 1.69 | 1.84 | 2.00 | 0.15 | 0.25 | 0.29 | 0.31 |
| | | | | 2 | 0.81 | 1.05 | 1.34 | 1.63 | 1.92 | 2.22 | 2.55 | 2.95 | 3.27 | 3.63 | 0.33 | 0.25 | 0.29 | 0.31 |
| | | | | 3 | 0.65 | 0.72 | 0.82 | 0.91 | 1.00 | 1.08 | 1.18 | 1.31 | 1.40 | 1.50 | 0.09 | 0.27 | 0.32 | 0.32 |
| Upper | UF | Light Utility/Storage | 12' | 1 | 18.32 | 21.13 | 23.66 | 26.86 | 29.07 | 32.38 | 34.35 | 39.24 | 42.79 | 47.15 | 7.11 | 7.16 | 7.89 | 9.37 |
| | | | | 2 | 19.70 | 23.97 | 28.16 | 33.08 | 37.05 | 42.20 | 46.17 | 53.48 | 58.98 | 65.57 | 9.19 | 7.16 | 7.89 | 9.37 |
| | | Heavy Utility/Storage | 12' | 1 | 20.14 | 23.51 | 26.72 | 30.61 | 33.50 | 37.52 | 40.27 | 46.10 | 50.40 | 55.62 | 7.89 | 7.30 | 7.69 | 9.91 |
| | | | | 2 | 21.52 | 26.35 | 31.21 | 36.84 | 41.49 | 47.34 | 52.09 | 60.34 | 66.59 | 74.04 | 9.97 | 7.30 | 7.69 | 9.91 |
| | SF | Loft Warehouse | 12' | 1 | 21.02 | 23.97 | 26.74 | 30.15 | 32.53 | 36.00 | 38.17 | 43.33 | 47.05 | 51.61 | 7.25 | 8.58 | 9.62 | 11.05 |
| | | | | 2 | 22.41 | 26.81 | 31.23 | 36.37 | 40.51 | 45.83 | 50.00 | 57.56 | 63.24 | 70.03 | 9.33 | 8.58 | 9.62 | 11.05 |
| | | Light Manufacturing | 12' | 1 | 25.74 | 28.81 | 31.84 | 35.48 | 38.00 | 41.60 | 43.94 | 49.34 | 53.19 | 57.90 | 7.16 | 7.16 | 7.89 | 9.37 |
| | | | | 2 | 27.12 | 31.64 | 36.34 | 41.70 | 45.98 | 51.42 | 55.76 | 63.58 | 69.38 | 76.32 | 9.24 | 7.16 | 7.89 | 9.37 |
| | | Heavy Manufacturing | 12' | 1 | 27.56 | 31.19 | 34.90 | 39.23 | 42.43 | 46.74 | 49.85 | 56.21 | 60.80 | 66.37 | 7.94 | 7.30 | 7.69 | 9.91 |
| | | | | 2 | 28.94 | 34.02 | 39.40 | 45.45 | 50.41 | 56.56 | 61.67 | 70.44 | 76.99 | 84.78 | 10.02 | 7.30 | 7.69 | 9.91 |
| | | Loft Manufacturing | 12' | 1 | 23.08 | 26.08 | 28.96 | 32.47 | 34.91 | 38.44 | 40.69 | 45.95 | 49.73 | 54.35 | 7.28 | 7.16 | 7.89 | 9.37 |
| | | | | 2 | 24.46 | 28.92 | 33.46 | 38.70 | 42.90 | 48.27 | 52.51 | 60.19 | 65.92 | 72.77 | 9.36 | 7.16 | 7.89 | 9.37 |
| | | Small Shop | 12' | 1 | 23.93 | 26.97 | 29.91 | 33.47 | 35.96 | 39.53 | 41.82 | 47.14 | 50.96 | 55.63 | 7.30 | 7.16 | 7.89 | 9.37 |
| | | | | 2 | 25.32 | 29.81 | 34.41 | 39.70 | 43.94 | 49.35 | 53.64 | 61.38 | 67.15 | 74.05 | 9.39 | 7.16 | 7.89 | 9.37 |
| | | Power Generating Plant | * | 0 | 36.55 | 39.27 | 42.26 | 45.69 | 47.80 | 50.93 | 52.82 | 57.81 | 61.13 | 65.25 | 6.30 | 1.41 | 0.62 | 2.78 |
| | | | | | | | | | | | | | | | | | | |
| | FO | Truck Terminal Bunk Room | 9' | 1 | 28.94 | 31.88 | 34.85 | 38.39 | 40.74 | 44.16 | 46.31 | 51.53 | 55.18 | 59.65 | 6.76 | 6.40 | 6.98 | 8.43 |
| | | | | 2 | 29.96 | 33.96 | 38.15 | 42.95 | 46.60 | 51.37 | 54.99 | 61.98 | 67.06 | 73.17 | 8.29 | 6.40 | 6.98 | 8.43 |
| | FD | Industrial Office | 12' | 1 | 47.90 | 51.81 | 56.45 | 61.49 | 65.03 | 69.64 | 73.18 | 80.27 | 85.13 | 91.00 | 7.77 | 7.16 | 7.89 | 9.37 |
| | | | | 2 | 49.28 | 54.65 | 60.94 | 67.72 | 73.01 | 79.47 | 85.00 | 94.51 | 101.31 | 109.42 | 9.85 | 7.16 | 7.89 | 9.37 |
| | | Research/Devel. | 12' | 1 | 55.45 | 59.55 | 64.63 | 70.03 | 73.79 | 78.61 | 82.41 | 89.91 | 94.97 | 101.09 | 7.86 | 7.16 | 7.89 | 9.37 |
| | | | | 2 | 56.84 | 62.39 | 69.12 | 76.25 | 81.77 | 88.43 | 94.24 | 104.15 | 111.16 | 119.51 | 9.94 | 7.16 | 7.89 | 9.37 |

* Upper floor price exclusive of walls.

SCHEDULE A.3

GCR Base Prices

| Floor Level | Fin Type | Use Type | Flr Hgt | Wall Type | 1 Wood Joist | | | | | | | | | | 2 Fire Res | |
|-------------|----------|-----------------|---------|-----------|-----------------|-------|-------|-------|-------|-------|-------|--------|--------|--------|---------------|------|
| | | | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | +1 | (+) |
| Bsmt | UF | Utility/Storage | 9' | 1 | 13.42 | 14.31 | 15.53 | 16.96 | 17.92 | 19.20 | 20.94 | 23.77 | 25.70 | 28.15 | 4.93 | 7.38 |
| | | | | 2 | 14.07 | 15.64 | 17.64 | 19.87 | 21.66 | 23.81 | 26.48 | 30.45 | 33.29 | 36.78 | 5.91 | 9.07 |
| | FO | Dinning/Lounge | 9' | 1 | 45.35 | 47.23 | 50.51 | 53.69 | 55.83 | 58.27 | 61.41 | 66.30 | 69.36 | 73.13 | 5.62 | 8.38 |
| | | | | 2 | 46.00 | 48.56 | 52.61 | 56.61 | 59.57 | 62.88 | 66.96 | 72.97 | 76.95 | 81.76 | 6.59 | 9.77 |
| | | Motel Service | 9' | 1 | 40.67 | 42.44 | 45.44 | 48.40 | 50.40 | 52.71 | 55.69 | 60.33 | 63.26 | 66.88 | 5.56 | 8.38 |
| | | | | 2 | 41.32 | 43.77 | 47.55 | 51.32 | 54.15 | 57.32 | 61.23 | 67.00 | 70.85 | 75.52 | 6.54 | 9.77 |
| | FD | General Office | 9' | 1 | 42.50 | 44.31 | 47.42 | 50.47 | 52.52 | 54.88 | 57.93 | 62.66 | 65.64 | 69.32 | 5.58 | 7.34 |
| | | | | 2 | 43.15 | 45.64 | 49.53 | 53.38 | 56.26 | 59.49 | 63.47 | 69.33 | 73.23 | 77.96 | 6.56 | 8.74 |
| | | Apartment | 9' | 1 | 31.32 | 32.86 | 35.32 | 37.84 | 39.57 | 41.62 | 44.26 | 48.39 | 51.08 | 54.40 | 5.54 | 8.04 |
| | | | | 2 | 31.97 | 34.19 | 37.43 | 40.76 | 43.31 | 46.22 | 49.81 | 55.07 | 58.67 | 63.04 | 6.52 | 8.77 |
| First | FO | Motel Service | 12' | 1 | 44.84 | 48.97 | 54.81 | 60.30 | 65.01 | 69.70 | 75.13 | 82.45 | 87.48 | 93.10 | 5.16 | |
| | | | | 2 | 46.62 | 52.76 | 60.70 | 68.13 | 74.84 | 81.64 | 89.31 | 99.50 | 106.82 | 115.17 | 5.89 | |
| | | Dinning/Lounge | 12' | 1 | 48.98 | 53.21 | 59.29 | 64.98 | 69.81 | 74.61 | 80.19 | 87.73 | 92.88 | 98.63 | 5.21 | |
| | | | | 2 | 50.76 | 57.00 | 65.18 | 72.81 | 79.64 | 86.56 | 94.37 | 104.79 | 112.21 | 120.69 | 5.94 | |
| | FD | Bank | 10' | 1 | 54.51 | 57.94 | 61.27 | 64.43 | 67.57 | 72.32 | 77.83 | 85.27 | 90.36 | 96.05 | 5.19 | |
| | | | | 2 | 56.38 | 61.85 | 66.99 | 71.69 | 76.45 | 83.09 | 90.59 | 100.62 | 107.76 | 115.91 | 5.67 | |
| | | General Office | 10' | 1 | 45.89 | 49.89 | 55.63 | 61.00 | 65.55 | 70.09 | 75.35 | 82.48 | 87.35 | 92.77 | 4.96 | |
| | | | | 2 | 47.50 | 53.34 | 60.98 | 68.08 | 74.43 | 80.85 | 88.11 | 97.83 | 104.74 | 112.62 | 5.44 | |
| | | Medical Office | 10' | 1 | 57.50 | 60.76 | 63.92 | 66.91 | 69.89 | 74.53 | 79.93 | 87.26 | 92.22 | 97.77 | 5.00 | |
| | | | | 2 | 59.37 | 64.67 | 69.65 | 74.18 | 78.77 | 85.30 | 92.69 | 102.61 | 109.61 | 117.62 | 5.48 | |

SCHEDULE A.3 (continued)

GCR Base Prices (continued)

| Floor Level | Fin Type | Use Type | Flr Hgt | Wall Type | 1 Wood Joist | | | | | | | | | | |
|-------------|----------|----------------|---------|-----------|-----------------|-------|-------|-------|-------|-------|-------|--------|--------|--------|------|
| | | | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | +1 |
| First | FD | Motel Units | 9' | 1 | 42.74 | 45.92 | 48.99 | 50.59 | 54.80 | 58.99 | 63.83 | 70.35 | 74.88 | 79.90 | 4.74 |
| | | | | 2 | 43.63 | 47.77 | 51.71 | 53.95 | 59.00 | 64.07 | 69.86 | 77.60 | 83.09 | 89.28 | 4.92 |
| | | Funeral Home | 12' | 1 | 49.39 | 53.63 | 59.74 | 65.44 | 70.28 | 75.10 | 80.69 | 88.25 | 93.41 | 99.17 | 5.21 |
| | | | | 2 | 51.17 | 57.42 | 65.62 | 73.27 | 80.11 | 87.04 | 94.87 | 105.31 | 112.74 | 121.24 | 5.95 |
| | | Nursing Home | 10' | 1 | 51.97 | 55.24 | 58.40 | 61.39 | 64.37 | 68.87 | 74.10 | 81.17 | 86.01 | 91.40 | 4.95 |
| | | | | 2 | 53.85 | 59.14 | 64.12 | 68.65 | 73.24 | 79.64 | 86.86 | 96.52 | 103.40 | 111.26 | 5.43 |
| | | Apartment | 10' | 1 | 33.84 | 37.48 | 42.45 | 47.15 | 51.27 | 55.37 | 60.11 | 66.47 | 70.91 | 75.84 | 4.70 |
| | | | | 2 | 34.61 | 39.12 | 44.99 | 50.51 | 55.47 | 60.46 | 66.14 | 73.72 | 79.12 | 85.22 | 4.88 |
| | Upper | Motel Service | 12' | 1 | 39.58 | 41.80 | 45.27 | 48.74 | 51.25 | 54.20 | 57.76 | 62.88 | 66.27 | 70.42 | 5.76 |
| | | | | 2 | 40.48 | 43.60 | 48.14 | 52.67 | 56.31 | 60.61 | 65.48 | 72.18 | 76.86 | 82.91 | 6.33 |
| | | Dinning/Lounge | 12' | 1 | 42.89 | 45.19 | 48.85 | 52.48 | 55.08 | 58.13 | 61.80 | 67.10 | 70.58 | 74.83 | 5.75 |
| | | | | 2 | 43.79 | 46.99 | 51.72 | 56.41 | 60.14 | 64.54 | 69.52 | 76.40 | 81.17 | 87.33 | 6.31 |
| | | Motel Units | 9' | 1 | 34.84 | 36.72 | 39.67 | 42.66 | 44.76 | 47.30 | 50.38 | 54.88 | 57.85 | 61.50 | 5.33 |
| | | | | 2 | 35.49 | 38.01 | 41.73 | 45.47 | 48.38 | 51.94 | 55.98 | 61.62 | 65.52 | 70.68 | 5.52 |
| | | Apartment | 9' | 1 | 27.75 | 29.46 | 32.01 | 34.66 | 36.55 | 38.89 | 41.72 | 45.84 | 48.62 | 52.05 | 5.24 |
| | | | | 2 | 28.40 | 30.75 | 34.06 | 37.47 | 40.17 | 43.53 | 47.32 | 52.58 | 56.29 | 61.22 | 5.43 |
| | | Nursing Home | 10' | 1 | 44.44 | 46.17 | 47.71 | 49.08 | 51.21 | 53.30 | 55.71 | 60.55 | 63.72 | 67.61 | 5.48 |
| | | | | 2 | 45.29 | 47.32 | 49.70 | 51.83 | 53.74 | 57.62 | 62.02 | 68.14 | 72.36 | 77.89 | 5.80 |

SCHEDULE A.4

GCK Base Rates

Light pre-engineered steel and pole framed buildings (used for C/I occupancies)

Per square foot, average quality, 12' eaves height

| | Perimeter/Area Ratio | | | | | | | | | | |
|---|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | +1 |
| Light metal/wood siding, pole frame | 11.17 | 11.81 | 12.36 | 12.57 | 13.36 | 13.91 | 14.59 | 15.13 | 16.02 | 16.52 | 1.06 |
| Add per P/A ratio: | | | | | | | | | | | |
| Exterior sheathing | 0.17 | 0.29 | 0.44 | 0.49 | 0.64 | 0.77 | 0.92 | 1.05 | 1.23 | 1.29 | 0.10 |
| Insulation | 0.11 | 0.18 | 0.27 | 0.31 | 0.40 | 0.48 | 0.57 | 0.65 | 0.76 | 0.80 | 0.07 |
| Steel girts and purlins | 0.60 | 0.66 | 0.72 | 0.78 | 0.84 | 0.90 | 0.96 | 1.02 | 1.08 | 1.14 | 0.12 |
| Aluminum siding and roofing | 2.31 | 2.52 | 2.77 | 2.86 | 3.12 | 3.34 | 3.62 | 3.84 | 4.15 | 4.26 | 0.18 |
| Interior liner (1) | 0.36 | 0.61 | 0.92 | 1.03 | 1.34 | 1.60 | 1.93 | 2.19 | 2.56 | 2.68 | 0.22 |
| Heavy gauge siding and roofing (2) | 0.63 | 0.69 | 0.76 | 0.79 | 0.86 | 0.92 | 1.00 | 1.06 | 1.14 | 1.17 | 0.05 |
| Plastic panel siding | 0.29 | 0.49 | 0.73 | 0.81 | 1.06 | 1.26 | 1.52 | 1.73 | 2.03 | 2.12 | 0.18 |
| Sandwich paneling | 6.77 | 7.38 | 8.14 | 8.41 | 9.17 | 9.82 | 10.62 | 11.28 | 12.19 | 12.49 | 0.55 |
| Interior finish (3) | | | | | | | | | | | |
| Unfinished occupancies (UF) | 4.79 | 4.79 | 4.79 | 4.79 | 4.79 | 4.79 | 4.79 | 4.79 | 4.79 | 4.79 | |
| Semi-finished occupancies (SF) | 12.85 | 12.85 | 12.85 | 12.85 | 12.85 | 12.85 | 12.85 | 12.85 | 12.85 | 12.85 | |
| Finished open occupancies (FO) | 19.29 | 19.72 | 20.14 | 20.56 | 20.98 | 21.41 | 21.84 | 22.29 | 22.68 | 23.10 | 0.50 |
| Finished divided occupancies (FD) | 30.39 | 30.82 | 31.24 | 31.66 | 32.08 | 32.51 | 32.94 | 33.39 | 33.78 | 34.20 | 0.50 |
| Add per square foot of floor area for frame variations: | | | | | | | | | | | |
| Steel post and beam | 0.35 | 0.35 | 0.35 | 0.35 | 0.35 | 0.35 | 0.35 | 0.35 | 0.35 | 0.35 | |
| Rigid steel frame construction | -3.25 | -2.45 | -1.30 | -0.48 | -0.41 | -0.32 | -0.22 | -0.10 | 0.05 | 0.25 | |
| Deduct per square foot of floor area for absence: | | | | | | | | | | | |
| Concrete floor | 4.75 | 4.75 | 4.75 | 4.75 | 4.75 | 4.75 | 4.75 | 4.75 | 4.75 | 4.75 | |

Add or deduct 2% (against the total rate) per foot of wall height variation.

Deduct 2% (against the total rate) for low profile (1:12 or less pitch) roof construction.

Adjust for quality grade from Schedule F.

Note (1) Liner is included with manufactured sandwich paneling

Note (2) 24 to 20 gauge steel; .032" to .050" thick aluminum.

| Note (3) Interior Components: | Walls/ LF | Flooring | Ceiling | Ptns&OF | Lighting | Heating | Add A/C | Sprk |
|-----------------------------------|--------------|----------|---------|---------|----------|---------|------------|------|
| Unfinished occupancies (UF) | --- | --- | --- | 0.71 | 2.70 | 1.38 | 3.58 | 6 |
| Semi-finished occupancies (SF) | --- | 1.62 | 0.24 | 1.43 | 6.91 | 2.65 | 2.89 | 6 |
| Finished open occupancies (FO) | 42.47 | 2.36 | 4.26 | 1.90 | 6.30 | 4.05 | 2.89 | 4 |
| Finished divided occupancies (FD) | 42.47 | 2.88 | 4.26 | 5.24 | 9.91 | 7.68 | 2.89 | 3 |

Appendix G

Commercial and Industrial Cost Schedules

SCHEDULE B

GC Base Price Adjustment for Story Height (BPA)

| BPA Factor | B | Story Height | | | | | | | | | | | | | | | |
|------------|----|--------------|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 1-3 | 4 | 5-7 | 8-9 | 10-11 | 12-13 | 14-15 | 16-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31-32 | 33-34 |
| | *N | 100 | 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 113 | 114 | 115 |
| | A | | | | | | | | | | | | | | | | |

*Basements and sub-basements are not included in the count of the story height, but the percentage multiplier is applicable to the base rates.

SCHEDULE C

GC Base Price Components and Adjustments

| ID | Floor Level | Fin Type | Use Type | CH | Interior Finish | | | Ptns | Ltg | Htg Vent A.C. | Htg Only | Add for A.C. | Adjust Lighting | | Spk ** |
|-------|-------------|----------|---------------------------|-----|-----------------|---------------|-------------|-------|-------|---------------|----------|--------------|-----------------|------|--------|
| | | | | | Walls Per LF | Floors Per SF | Ceil Per SF | | | | | | | | |
| GCM | Sub | UF | Parking | -- | --- | --- | --- | 0.31 | 2.16 | 1.49 | --- | --- | 0.35 | 0.80 | 6 |
| | Bsmt | | | | | | | | | | | | | | |
| | Bsmt | UF | Utility/Storage | -- | --- | --- | --- | 0.71 | 1.62 | --- | 0.99 | 3.58 | 0.38 | 0.63 | 6 |
| | | | Stand Alone Basement | -- | --- | --- | --- | 0.71 | 1.62 | --- | 0.99 | 3.58 | 0.38 | 0.63 | 6 |
| | | | Parking Garage | -- | --- | --- | --- | 0.31 | 2.16 | 1.49 | --- | --- | 0.28 | 0.64 | 4 |
| | FO | | General Retail | 10' | 39.67 | 2.00 | 3.22 | 2.47 | 9.41 | 9.53 | 5.24 | --- | 1.85 | 3.99 | 4 |
| | | | Dinning/Lounge | 8' | 33.06 | 4.58 | 3.22 | 3.14 | 9.41 | 20.95 | 11.52 | --- | 1.32 | 2.70 | 4 |
| | FD | | Office | 8' | 33.06 | 2.36 | 3.22 | 6.82 | 11.82 | 13.96 | 7.68 | --- | 1.79 | 3.72 | 3 |
| | | | Apartment | 8' | 33.06 | 2.71 | 4.05 | 9.06 | 5.99 | --- | 3.85 | 2.19 | 1.82 | 3.78 | 2 |
| First | UF | | Utility/Storage | -- | --- | --- | --- | 1.11 | 1.62 | --- | 0.99 | 3.58 | 0.38 | 0.63 | 6 |
| | | | Parking Garage | -- | --- | --- | --- | 0.40 | 2.16 | 0.74 | --- | --- | 0.28 | 0.64 | 4 |
| | SF | | Car Wash Auto | -- | 8.21 | --- | --- | 3.81 | 5.40 | --- | 0.99 | --- | 0.81 | 1.83 | 6 |
| | | | Ice Rink | -- | 12.31 | 1.80 | 1.29 | 5.71 | 11.36 | --- | 2.30 | --- | 0.83 | 1.85 | 4 |
| | | | Auto Service Center | -- | 9.58 | 1.70 | 0.71 | 5.21 | 8.79 | --- | 0.99 | 3.58 | 2.32 | 4.80 | 5 |
| | FO | | Auto Showroom | 12' | 50.96 | 2.36 | 3.22 | 3.21 | 9.41 | 9.53 | 5.24 | --- | 1.60 | 3.30 | 4 |
| | | | Bowling Alley | 12' | 38.22 | 0.62 | 3.22 | 2.64 | 11.36 | 11.84 | 6.52 | --- | 1.12 | 2.35 | 4 |
| | | | Theater | 18' | 76.44 | 3.39 | 3.22 | 9.43 | 11.36 | 14.00 | 7.70 | --- | 1.01 | 2.11 | 1 |
| | | | Health Club | 10' | 25.48 | 2.61 | 1.93 | 3.74 | 11.36 | 11.84 | 6.52 | --- | 1.65 | 3.54 | 4 |
| | | | General Retail | 12' | 43.31 | 2.00 | 2.05 | 2.85 | 8.47 | 9.53 | 5.24 | --- | 1.85 | 3.99 | 4 |
| | | | Discount | 12' | 40.76 | 1.96 | 2.57 | 2.85 | 8.16 | 8.77 | 4.83 | --- | 2.38 | 4.94 | 4 |
| | | | Regional Shopping Center | 12' | 42.68 | 3.20 | 2.57 | 2.85 | 8.16 | 9.53 | 5.24 | --- | 1.40 | 2.91 | 4 |
| | | | Neighborhood Shopping Ctr | 12' | 42.68 | 1.96 | 2.57 | 2.99 | 8.16 | 9.53 | 5.24 | --- | 1.68 | 3.49 | 4 |
| | | | Department Store | 14' | 49.75 | 2.59 | 2.57 | 4.85 | 8.16 | 11.21 | 6.17 | --- | 0.90 | 1.86 | 4 |
| | | | Supermarket | 12' | 42.68 | 1.42 | 2.57 | 4.28 | 9.14 | 11.84 | 6.52 | --- | 1.64 | 3.50 | 4 |
| | | | Convenience Market | 10' | 39.04 | 2.12 | 2.90 | 3.71 | 8.79 | 11.90 | 6.55 | --- | 1.57 | 3.26 | 4 |
| | | | Dinning/Lounge | 10' | 42.47 | 4.58 | 3.22 | 3.71 | 9.41 | 20.95 | 11.52 | --- | 1.32 | 2.70 | 4 |
| | FD | | Hotel/Motel Service | 10' | 42.47 | 4.58 | 3.22 | 11.42 | 9.41 | 13.96 | 7.68 | --- | 1.29 | 2.67 | 2 |
| | | | Bank | 12' | 50.96 | 3.20 | 3.22 | 8.56 | 9.41 | 15.91 | 8.75 | --- | 1.04 | 2.14 | 3 |
| | | | General Office | 10' | 42.47 | 2.99 | 3.22 | 7.42 | 11.82 | 13.96 | 7.68 | --- | 2.70 | 5.84 | 3 |
| | | | Medical Office | 10' | 42.47 | 2.99 | 3.22 | 11.12 | 13.00 | 15.17 | 8.35 | --- | 2.16 | 4.66 | 3 |
| | | | Country Club | 10' | 33.06 | 7.35 | 4.05 | 7.42 | 9.41 | 20.95 | 11.52 | --- | 1.51 | 3.12 | 3 |
| | | | Funeral Home | 10' | 33.06 | 2.65 | 3.22 | 7.42 | 9.41 | 20.25 | 11.15 | --- | 2.32 | 4.80 | 3 |
| | | | Nursing Home | 8' | 26.45 | 3.00 | 4.54 | 8.39 | 9.41 | 14.10 | 7.75 | --- | 2.38 | 4.91 | 3 |
| | | | Hotel/Motel Unit | 8' | 33.97 | 3.00 | 4.54 | 10.80 | 9.41 | 4.51 | 3.85 | --- | 1.32 | 2.74 | 2 |
| | | | Apartment Units | 8' | 26.45 | 3.03 | 4.05 | 9.07 | 5.99 | --- | 3.85 | 2.19 | 1.82 | 3.78 | 2 |
| Upper | UF | | Utility/Storage | -- | --- | --- | --- | 0.95 | 1.62 | --- | 0.99 | 3.58 | 0.38 | 0.63 | 6 |
| | | | Parking Garage | -- | --- | --- | --- | 0.40 | 2.16 | 0.74 | --- | --- | 0.28 | 0.64 | 4 |
| | FO | | Health Club | 10' | 25.48 | 2.61 | 1.93 | 3.74 | 11.36 | 11.84 | 6.52 | --- | 1.65 | 3.54 | 4 |
| | | | General Retail | 10' | 36.10 | 2.00 | 2.05 | 2.48 | 8.47 | 9.53 | 5.24 | --- | 1.85 | 3.99 | 4 |
| | | | Department Store | 14' | 42.96 | 2.59 | 2.57 | 4.28 | 8.16 | 11.21 | 6.17 | --- | 0.90 | 1.86 | 4 |
| | | | Mall Shops | 12' | 42.68 | 3.07 | 2.57 | 2.85 | 8.16 | 9.53 | 5.24 | --- | 1.40 | 2.91 | 4 |
| | | | Dinning/Lounge | 10' | 42.47 | 4.58 | 3.22 | 3.71 | 9.41 | 20.95 | 11.52 | --- | 1.32 | 2.70 | 4 |
| | FD | | Hotel/Motel Service | 10' | 42.47 | 4.58 | 3.22 | 11.42 | 9.41 | 13.96 | 7.68 | --- | 1.29 | 2.67 | 2 |
| | | | General Office | 10' | 42.47 | 2.99 | 3.22 | 7.42 | 11.82 | 13.96 | 7.68 | --- | 2.70 | 5.84 | 3 |
| | | | Medical Office | 9' | 38.22 | 2.99 | 3.22 | 10.28 | 13.00 | 15.17 | 8.35 | --- | 2.16 | 4.66 | 3 |
| | | | Nursing Home | 8' | 26.45 | 3.00 | 4.54 | 8.39 | 9.41 | 14.10 | 7.75 | --- | 2.38 | 4.91 | 3 |
| | | | Hotel/Motel Unit | 8' | 33.97 | 3.00 | 4.54 | 10.80 | 9.41 | 4.51 | 3.85 | --- | 1.32 | 2.74 | 2 |
| | | | Apartment Units | 8' | 26.45 | 3.03 | 4.05 | 9.07 | 5.99 | --- | 3.85 | 2.19 | 1.82 | 3.78 | 2 |

SCHEDULE C (continued)

GC Base Price Components and Adjustments (continued)

| ID | Floor Level | Fin Type | Use Type | CH | Interior Finish | | | Ptns | Ltgs | Htg Vent A.C. | Htg Only | Add for A.C. | Adjust Lighting | | Spk ** |
|-----|-------------|----------|--------------------------|-----|-----------------|---------------|-------------|-------|-------|---------------|----------|--------------|-----------------|------|--------|
| | | | | | Walls Per LF | Floors Per SF | Ceil Per SF | | | | | | | | |
| GCI | Bsmt | UF | Light Utility/Storage | -- | --- | --- | --- | 0.71 | 2.70 | --- | 1.31 | 3.58 | 0.14 | 0.41 | 6 |
| | | | Heavy Utility/Storage | -- | --- | --- | --- | 0.71 | 2.70 | --- | 1.31 | 3.58 | 0.14 | 0.41 | 6 |
| | | SF | Light Manufacturing | -- | 6.16 | 1.62 | --- | 1.76 | 8.79 | 5.82 | 2.65 | 2.19 | 0.55 | 1.37 | 5 |
| | | | Heavy Manufacturing | -- | 6.16 | 1.62 | --- | 1.76 | 8.79 | 5.82 | 2.65 | 2.19 | 0.55 | 1.37 | 5 |
| | | FO | Truck Terminal Bunk Room | 8' | 29.07 | 2.36 | 4.05 | 1.96 | 5.99 | --- | 2.65 | 2.19 | 0.41 | 0.90 | 5 |
| | First | UF | Light Utility/Storage | -- | --- | --- | --- | 1.11 | 2.70 | --- | 1.31 | 3.58 | 0.14 | 0.41 | 6 |
| | | | Heavy Utility/Storage | -- | --- | --- | --- | 1.11 | 2.70 | --- | 1.31 | 3.58 | 0.14 | 0.41 | 6 |
| | | UF | Light Warehouse | -- | --- | --- | --- | 1.15 | 5.40 | --- | 1.31 | 3.58 | 0.35 | 0.87 | 6 |
| | | | Mini Warehouse | -- | --- | --- | --- | 5.02 | 1.08 | --- | --- | ** | 0.10 | 0.15 | 5 |
| | | | Commercial Garage | -- | --- | 1.62 | --- | 1.27 | 8.79 | 5.82 | 1.31 | 3.58 | 0.56 | 1.26 | 5 |
| | | UF | Hanger | -- | --- | 1.62 | --- | 1.82 | 8.79 | 5.82 | 1.31 | 3.58 | 0.52 | 1.29 | 6 |
| | | | Truck Terminal Warehouse | -- | --- | 0.24 | --- | 1.09 | 5.40 | --- | 1.31 | 3.58 | 0.41 | 0.81 | 5 |
| | | SF | Loft Warehouse | -- | 9.58 | --- | --- | 1.52 | 4.31 | --- | 1.31 | 3.58 | 0.31 | 0.62 | 6 |
| | | | Light Manufacturing | -- | 9.58 | 1.62 | --- | 3.03 | 8.79 | 5.82 | 2.65 | 2.19 | 0.55 | 1.37 | 5 |
| | | | Heavy Manufacturing | -- | 9.58 | 1.62 | --- | 3.03 | 8.79 | 5.82 | 2.65 | 2.19 | 0.55 | 1.37 | 5 |
| | | | Loft Manufacturing | -- | 8.21 | --- | --- | 2.61 | 5.40 | 5.82 | 1.31 | 3.58 | 0.36 | 0.79 | 5 |
| | | | Mill Manufacturing | -- | 27.36 | 2.44 | --- | 8.66 | 8.79 | 7.75 | 5.30 | 4.37 | 0.63 | 1.30 | 5 |
| | | | Small Shop | -- | 9.58 | 1.70 | 0.24 | 1.80 | 5.40 | --- | 1.31 | 3.58 | 0.44 | 0.88 | 6 |
| | | | Power Generating Plant | -- | 20.52 | 6.68 | 0.71 | 3.97 | 8.79 | --- | 5.30 | 4.37 | 0.63 | 1.30 | 5 |
| | | FO | Truck Terminal Bunk Room | 8' | 25.84 | 2.36 | 4.05 | 1.96 | 5.99 | --- | 2.65 | 2.19 | 0.41 | 0.90 | 6 |
| | | FD | Industrial Office | 10' | 42.47 | 2.88 | 3.22 | 7.63 | 11.82 | 12.19 | 7.68 | --- | 0.87 | 1.74 | 3 |
| | | | Research/Development | 10' | 42.47 | 3.71 | 3.22 | 11.12 | 11.82 | 12.19 | 7.68 | --- | 0.82 | 1.79 | 3 |
| | Upper | UF | Light Utility/Storage | -- | --- | --- | --- | 0.95 | 1.62 | --- | 1.31 | 3.58 | 0.08 | 0.24 | 6 |
| | | | Heavy Utility/Storage | -- | --- | --- | --- | 0.95 | 1.62 | --- | 1.31 | 3.58 | 0.08 | 0.24 | 6 |
| | | SF | Loft Warehouse | -- | 8.21 | --- | --- | 1.30 | 4.31 | --- | 1.31 | 3.58 | 0.31 | 0.62 | 6 |
| | | | Light Manufacturing | -- | 8.21 | 1.62 | --- | 2.60 | 5.40 | 5.82 | 2.65 | 2.19 | 0.34 | 0.84 | 5 |
| | | | Heavy Manufacturing | -- | 8.21 | 1.62 | --- | 2.60 | 5.40 | 5.82 | 2.65 | 2.19 | 0.34 | 0.84 | 5 |
| | | | Loft Manufacturing | -- | 8.21 | --- | --- | 2.61 | 5.40 | 5.82 | 1.31 | 3.58 | 0.36 | 0.79 | 5 |
| | | | Small Shop | -- | 8.21 | 1.70 | 0.24 | 1.57 | 5.40 | --- | 1.31 | 3.58 | 0.44 | 0.88 | 5 |
| | | | Power Generating Plant | * | --- | 6.68 | 0.71 | 2.60 | 8.79 | --- | 5.30 | 4.37 | 0.63 | 1.30 | 5 |
| | | FO | Truck Terminal Bunk Room | 8' | 25.84 | 2.36 | 4.05 | 1.96 | 5.99 | --- | 2.65 | 2.19 | 0.41 | 0.90 | 5 |
| | | FD | Industrial Office | 10' | 42.47 | 2.88 | 3.22 | 7.63 | 11.82 | 12.19 | 7.68 | --- | 0.87 | 1.74 | 3 |
| | | | Research/Development | 10' | 42.47 | 3.71 | 3.22 | 11.12 | 11.82 | 12.19 | 7.68 | --- | 0.82 | 1.79 | 3 |
| GCR | Bsmt | UF | Utility/Storage | -- | --- | --- | --- | 0.71 | 1.62 | --- | 0.99 | --- | 0.13 | 0.19 | 6 |
| | | FO | Dinning/Lounge | 8' | 22.95 | 3.58 | 2.49 | 2.66 | 9.41 | 20.95 | 11.52 | --- | 1.50 | 2.19 | 4 |
| | | | Motel Service | 8' | 22.95 | 2.76 | 4.54 | 3.99 | 9.41 | 13.96 | 7.68 | --- | 1.00 | 1.46 | 2 |
| | | FD | General Office | 8' | 22.95 | 2.76 | 2.49 | 5.77 | 11.82 | 13.96 | 7.68 | --- | 1.00 | 1.46 | 3 |
| | | | Apartment Units | 8' | 22.95 | 2.29 | 4.05 | 7.67 | 5.99 | --- | 3.85 | 2.19 | 0.50 | 0.73 | 2 |
| | First | FO | Motel Service | 10' | 26.13 | 2.76 | 3.22 | 4.82 | 11.82 | 13.96 | 7.68 | --- | 1.00 | 1.46 | 2 |
| | | | Dinning/Lounge | 10' | 26.13 | 3.58 | 3.22 | 3.21 | 9.41 | 20.95 | 11.52 | --- | 1.50 | 2.19 | 4 |
| | | FD | Bank | 10' | 26.13 | 2.76 | 3.22 | 5.42 | 11.82 | 15.91 | 8.75 | --- | 1.14 | 1.66 | 3 |
| | | | General Office | 10' | 26.13 | 2.76 | 3.22 | 5.88 | 11.82 | 13.96 | 7.68 | --- | 1.00 | 1.46 | 3 |
| | | | Medical Office | 10' | 26.13 | 2.76 | 3.22 | 8.14 | 13.00 | 15.17 | 8.35 | --- | 1.09 | 1.59 | 3 |
| | | | Motel Units | 8' | 20.90 | 2.54 | 4.05 | 7.10 | 9.41 | 4.51 | 3.85 | --- | 0.50 | 0.73 | 2 |
| | | | Funeral Home | 10' | 26.13 | 2.54 | 3.22 | 6.42 | 9.41 | 20.25 | 11.15 | --- | 1.45 | 2.12 | 2 |
| | | | Nursing Home | 8' | 20.90 | 2.79 | 3.22 | 7.24 | 9.41 | 14.10 | 7.75 | --- | 1.01 | 1.47 | 2 |
| | | | Apartment Units | 8' | 20.90 | 2.54 | 4.05 | 7.67 | 5.99 | --- | 3.85 | 2.19 | 0.50 | 0.73 | 2 |
| | Upper | FO | Motel Service | 10' | 26.13 | 2.76 | 3.22 | 4.82 | 11.82 | 13.96 | 7.68 | --- | 1.00 | 1.46 | 2 |
| | | | Dinning/Lounge | 10' | 26.13 | 3.58 | 3.22 | 3.21 | 9.41 | 20.95 | 11.52 | --- | 1.50 | 2.19 | 4 |
| | | FD | Motel Units | 8' | 20.90 | 2.54 | 4.05 | 7.10 | 9.41 | 4.51 | 3.85 | --- | 0.50 | 0.73 | 2 |
| | | | Apartment Units | 8' | 20.90 | 2.54 | 4.05 | 7.67 | 5.99 | --- | 3.85 | 2.19 | 0.50 | 0.73 | 2 |
| | | | Nursing Home | 8' | 20.90 | 2.79 | 3.22 | 7.24 | 9.41 | 14.10 | 7.75 | --- | 1.01 | 1.47 | 2 |

* Upper floor price exclusive of walls

** Add for unit heat in mini warehouse at \$1.38 per square foot

| Sprinkler | | Total S.F. of Gross Coverage Per Floor | | | | | | | | | |
|-----------|-------|---|--------|--------|--------|--------|--------|--------|---------|------|--|
| Group | 5,000 | 10,000 | 15,000 | 20,000 | 30,000 | 40,000 | 50,000 | 75,000 | 100,000 | Over | |
| 1 | 5.05 | 4.05 | 3.20 | 3.05 | 2.85 | 2.70 | 2.60 | 2.40 | 2.35 | 2.30 | |
| 2 | 5.00 | 3.95 | 3.10 | 2.95 | 2.80 | 2.65 | 2.50 | 2.35 | 2.30 | 2.20 | |
| 3 | 4.90 | 3.90 | 3.05 | 2.90 | 2.75 | 2.60 | 2.45 | 2.30 | 2.25 | 2.15 | |
| 4 | 4.60 | 3.70 | 2.90 | 2.75 | 2.60 | 2.50 | 2.35 | 2.25 | 2.15 | 2.10 | |
| 5 | 4.40 | 3.50 | 2.75 | 2.70 | 2.50 | 2.40 | 2.30 | 2.15 | 2.10 | 2.05 | |
| 6 | 3.40 | 2.80 | 2.20 | 2.10 | 2.00 | 1.90 | 1.85 | 1.70 | 1.65 | 1.60 | |

Appendix G

Commercial and Industrial Cost Schedules

SCHEDULE C (continued)

Unit Cost Adjustments

WALL FINISH

Per square foot of wall surface

| | |
|----------------------------------|-------|
| Paint on masonry | 0.72 |
| Plaster on masonry, painted | 2.59 |
| Drywall, painted | 1.86 |
| Lath & plaster, painted | 3.14 |
| Hardboard paneling | |
| Patterned | 2.21 |
| Plain | 1.69 |
| Plywood paneling | |
| Softwood | 1.93 |
| Hardwood | 3.40 |
| Wood Paneling | |
| Softwood | 3.50 |
| Hardwood | 6.25 |
| Tile or block glazing | 8.87 |
| Ceramic or quarry tile | 10.55 |
| Enameled metal tile | 6.25 |
| Plastic tile | 3.39 |
| Acoustical tile | 1.50 |
| Marble | 17.00 |
| | |
| Add for canvas or cloth | 2.98 |
| Add for custom grade wallpaper | 2.86 |
| Add for standard grade wallpaper | 1.29 |
| Add for furring, wood | 0.79 |
| Add for furring, metal | 1.51 |
| Add for vinyl wall covering | 1.93 |
| Add insulation for masonry walls | 1.19 |
| Add insulation for studded walls | 0.62 |

FLOOR FINISH

Per square foot

| | |
|--|-------|
| Softwood | 5.67 |
| Hard wood | 9.32 |
| Maple | 8.21 |
| Parquet | 14.49 |
| Add for sleepers | 1.69 |
| Parquet and mastic | 5.42 |
| Woodblock, creosoted | 5.75 |
| Steel plate tile, heavy duty industrial | 10.50 |
| Concrete topping, integral, plain, 1 1/2 to 2" | 1.12 |
| Concrete hardener and sealer | 1.63 |
| Acid proof brick, heavy duty industrial | 30.90 |
| Asphalt tile | 2.05 |
| Vinyl tile | 2.48 |
| Cork and rubber tile | 10.43 |
| Vinyl composition tile | 2.48 |
| Sheet tile | 3.62 |
| Sheet linoleum | 3.23 |
| Ceramic and quarry tile | 13.54 |
| Terrazzo | 9.09 |
| Slate, grouted | 18.27 |
| Marble | 43.50 |
| Carpet and pad | 2.78 |
| Carpet, indoor, outdoor | 1.52 |
| Computer floor, elevated | 18.91 |
| Gym floor, hardwood, wood sub plus sleepers | 10.18 |
| Brick, common | 6.34 |
| Brick, pavers, in concrete | 8.86 |
| Flagstone, in concrete | 13.22 |
| Epoxy | 6.25 |
| Epoxy with colored chips | 9.14 |
| Grating, steel or aluminum | 18.25 |

CEILING FINISH

Per square foot

| | |
|---|------|
| Acoustical tile | 3.22 |
| Mineral fiber | 3.22 |
| Organic fiber | 1.74 |
| Acoustical metal panel and pads | 4.68 |
| Drywall, taped and painted | 2.28 |
| Fiberboard panel | 1.50 |
| Luminous panels | 7.00 |
| Paint only, on under floor/roof structure | 0.56 |
| Plaster on lath, painted | 3.14 |
| Plaster on masonry, painted | 2.59 |
| Plywood paneling, hardwood | 3.40 |
| Wood tongue and groove, softwood | 4.41 |
| Add for furring, wood | 0.85 |
| Add for furring, metal | 1.35 |
| Add for ceiling structure | 1.55 |
| Add for ceiling insulation | 0.62 |
| Add for ceiling suspension system | 1.33 |

PARTITIONING

Per square of wall surface

| Framed, 3-1/2" metal studs | 1- Side | 2- Side |
|---------------------------------|---------|---------|
| Drywall, painted | 3.51 | 5.41 |
| Lath and plaster, painted | 5.33 | 9.10 |
| Metal lath and plaster, painted | 5.52 | 9.48 |
| Plywood paneling: | | |
| Softwood | 4.12 | 6.68 |
| Hardwood | 5.59 | 9.62 |
| Wood paneling: | | |
| Softwood | 5.69 | 9.82 |
| Hardwood | 10.37 | 17.35 |
| Deduct for 2 X 4 wood studs | 0.34 | 0.34 |

| Masonry, per thickness | 4" | 6" | 8" | 12" |
|--|-------|-------|-------|-------|
| Concrete block | | | | |
| Hollow exposed | 6.32 | 7.28 | 8.71 | 11.60 |
| Solid | 6.60 | 7.78 | | |
| Clay tile | 7.32 | 8.46 | 9.86 | |
| Gypsum block | 5.30 | 6.00 | | |
| Glazed tile | | | | |
| 1 face | 9.27 | 11.83 | 13.51 | 16.01 |
| 2 face | 14.37 | 18.34 | 20.94 | |
| Glazed block | | | | |
| 1 face | 18.49 | 18.57 | 19.70 | |
| 2 face | 25.99 | 27.42 | 28.14 | |
| Add per side for interior wall finish from above | | | | |
| Folding curtain | | | | |
| Wood and plastic | | | | 14.00 |
| Modular metal | | | | |
| Single thickness | | | | 13.40 |
| 2" insulated | | | | 15.50 |
| Modular hardboard | | | | 8.80 |
| Modular softwood | | | | 11.50 |
| Modular hardwood | | | | 16.00 |
| | | | | |
| Add for glazing | | | | 1.80 |
| Laminated gypsum 2 1/4" | | | | 7.00 |
| Asbestos cement | | | | 12.50 |
| Woven wire, including doors | | | | 7.20 |
| Clear glass, full height | | | | 19.83 |

SCHEDULE C (continued)

Unit Finish Adjustments

APARTMENTS

Add per square foot per floor to account for variations in average unit size. The unit finish adjustment includes the cost of one (1) full bath, one (1) complete kitchen unit and air conditioning (if applicable). Thru-the-wall residential-type air conditioning units are not considered as real property in apartment units.

| Average | | | Add per S.F. | | | Average | | | Add per S.F. | | |
|-----------|--------|-------|--------------|--------|------|-----------|--------|------|--------------|--------|------|
| Unit Size | W/O AC | W/AC | Unit Size | W/O AC | W/AC | Unit Size | W/O AC | W/AC | Unit Size | W/O AC | W/AC |
| 400 | 16.57 | 18.76 | 1350 | 4.32 | 6.51 | 1400 | 4.10 | 6.29 | 1450 | 3.93 | 6.12 |
| 450 | 14.74 | 16.93 | 1400 | 4.10 | 6.29 | 1500 | 3.77 | 5.96 | 1550 | 3.61 | 5.80 |
| 500 | 13.25 | 15.44 | 1450 | 3.93 | 6.12 | 1600 | 3.45 | 5.64 | 1650 | 3.33 | 5.52 |
| 550 | 12.02 | 14.21 | 1500 | 3.77 | 5.96 | 1700 | 3.21 | 5.40 | 1750 | 3.09 | 5.28 |
| 600 | 10.98 | 13.17 | 1550 | 3.61 | 5.80 | 1800 | 2.99 | 5.18 | 1850 | 2.86 | 5.05 |
| 650 | 10.06 | 12.25 | 1600 | 3.45 | 5.64 | 1900 | 2.75 | 4.94 | 1950 | 2.63 | 4.82 |
| 700 | 9.25 | 11.44 | 1650 | 3.33 | 5.52 | 2000 | 2.52 | 4.71 | 2050 | 2.42 | 4.61 |
| 750 | 8.54 | 10.73 | 1700 | 3.21 | 5.40 | 2100 | 2.32 | 4.51 | 2150 | 2.22 | 4.41 |
| 800 | 7.89 | 10.08 | 1750 | 3.09 | 5.28 | 2200 | 2.12 | 4.31 | Over | 2.00 | 4.19 |
| 850 | 7.38 | 9.57 | 1800 | 2.99 | 5.18 | | | | | | |
| 900 | 6.93 | 9.12 | 1850 | 2.86 | 5.05 | | | | | | |
| 950 | 6.52 | 8.71 | 1900 | 2.75 | 4.94 | | | | | | |
| 1000 | 6.15 | 8.34 | 1950 | 2.63 | 4.82 | | | | | | |
| 1050 | 5.83 | 8.02 | 2000 | 2.52 | 4.71 | | | | | | |
| 1100 | 5.54 | 7.73 | 2050 | 2.42 | 4.61 | | | | | | |
| 1150 | 5.27 | 7.46 | 2100 | 2.32 | 4.51 | | | | | | |
| 1200 | 5.01 | 7.20 | 2150 | 2.22 | 4.41 | | | | | | |
| 1250 | 4.78 | 6.97 | 2200 | 2.12 | 4.31 | | | | | | |
| 1300 | 4.56 | 6.75 | Over | 2.00 | 4.19 | | | | | | |

MOTELS & HOTELS

Add per square foot per floor to account for variations in average unit size. The unit finish adjustment includes the cost of one (1) full bath.

| Average | | Arrangement | |
|--|-------|-------------|------------|
| Unit Size | Strip | Back - Back | Centerhall |
| 150 | 16.03 | 17.52 | 17.27 |
| 175 | 13.48 | 14.76 | 14.62 |
| 200 | 11.80 | 12.92 | 12.81 |
| 225 | 9.89 | 10.89 | 10.79 |
| 250 | 8.36 | 9.44 | 9.48 |
| 275 | 7.11 | 8.09 | 8.18 |
| 300 | 6.38 | 7.27 | 7.37 |
| 325 | 5.61 | 6.43 | 6.54 |
| 350 | 4.69 | 5.59 | 5.79 |
| 375 | 3.90 | 4.74 | 4.92 |
| 400 | 3.21 | 4.11 | 4.33 |
| 425 | 2.60 | 3.55 | 3.84 |
| 450 | 2.05 | 2.95 | 3.23 |
| 475 | 1.57 | 2.52 | 2.85 |
| 500 | 1.13 | 2.03 | 2.35 |
| 525 | 0.82 | 1.67 | 1.99 |
| 550 | 0.70 | 1.52 | 1.82 |
| 575 | 0.44 | 1.22 | 1.52 |
| 600 | 0.34 | 1.09 | 1.38 |
| 625 | 0.12 | 0.84 | 1.12 |
| 650 | -0.02 | 0.66 | 0.94 |
| 675 | -0.09 | 0.58 | 0.84 |
| 700 | -0.28 | 0.36 | 0.62 |
| Add per kitchen unit (cabinets and sink) | | | 2300 |

STRIP RETAIL

Add per square foot to account for division walls. The component for partitioning in retail models does not include the division walls that form the common walls with the adjoining units.

In the following table "X" equals:

$$X = \frac{\text{Area}}{N-1} \times \frac{1}{\text{Typical Depth}}$$

Example: The "X" value for an eleven (11) unit strip center, 200' x 80' deep, is twenty (20), calculated as follows: 16,000 SF/10 = 1,600, then 1,600/80 = 20.

The corresponding additive from the table is 0.00 per SF.

| X | RATE | X | RATE | X | RATE | X | RATE | X | RATE |
|----|------|----|------|----|------|----|------|-----|------|
| 10 | 7.63 | 30 | 2.54 | 50 | 1.55 | 70 | 1.12 | 90 | 0.87 |
| 12 | 6.39 | 32 | 2.42 | 52 | 1.49 | 72 | 1.05 | 92 | 0.81 |
| 14 | 5.46 | 34 | 2.23 | 54 | 1.43 | 74 | 1.05 | 94 | 0.81 |
| 16 | 4.77 | 36 | 2.11 | 56 | 1.36 | 76 | 0.99 | 96 | 0.81 |
| 18 | 4.28 | 38 | 1.98 | 58 | 1.30 | 78 | 0.99 | 98 | 0.81 |
| 20 | 3.84 | 40 | 1.92 | 60 | 1.30 | 80 | 0.93 | 100 | 0.74 |
| 22 | 3.47 | 42 | 1.80 | 62 | 1.24 | 82 | 0.93 | 120 | 0.62 |
| 24 | 3.16 | 44 | 1.74 | 64 | 1.18 | 84 | 0.93 | 140 | 0.56 |
| 26 | 2.91 | 46 | 1.67 | 66 | 1.18 | 86 | 0.87 | 160 | 0.50 |
| 28 | 2.73 | 48 | 1.61 | 68 | 1.12 | 88 | 0.87 | 180 | 0.43 |

SCHEDULE D

Plumbing

Average cost per fixture, including supply, waste and vent lines, materials for rough and finish, labor and contractors overhead and profit. The difference between the residential rate and the commercial/industrial prices is primarily attributable to the longer pipe and sewer runs required to accommodate the latter type of construction. The residential rate is to be used for commercial structures only when the average unit size schedule is issued from Schedule C

CONVENTIONAL FIXTURES

| | |
|---------------------------|------|
| Residential | 700 |
| Commercial and Industrial | 1300 |

WASH FOUNTAINS ("Bradly's")

| | 36" | 54" |
|----------------------|------|------|
| Circular | | |
| Granito & Fiberglass | 2300 | 2900 |
| Enameled steel | 2500 | 3200 |
| Stainless steel | 2700 | 3500 |
| Semi-circular | | |
| Granito & Fiberglass | 2200 | 2600 |
| Enameled steel | 2300 | 2800 |
| Stainless steel | 2400 | 3000 |

INDUSTRIAL GANG SINKS (30" wide)

| | |
|--------------------|------|
| 4' Long 4-man sink | |
| Fiberglass | 1400 |
| Enameled steel | 1700 |
| Stainless steel | 2100 |
| 8' Long 8-man sink | |
| Fiberglass | 2300 |
| Enameled steel | 2900 |
| Stainless steel | 3600 |

| | |
|------------------------------|------|
| Industrial shower heads each | 400 |
| Drinking fountains | 700 |
| Refrigerated water coolers | 1200 |
| with hot and cold water | 1300 |

SHOWER UNITS

| | Enamel Steel | Stainless Steel |
|-------------------------|--------------|-----------------|
| Column showers | | |
| Circular, 5 person | 2100 | 4900 |
| Semi-circular, 3 person | 1600 | 3800 |
| Corner, 2 person | 1600 | 3300 |
| Multi-stall showers | | |
| Circular, 5 person | 2900 | 6300 |
| Semi-circular, 3 person | 2300 | 5200 |
| Corner, 2 person | 2100 | 4500 |

| | |
|--------------------|------|
| Emergency shower | 1300 |
| Emergency eye wash | 600 |

SCHEDULE E
GC Special Features

Mezzanines

Per square foot, including, soffit finish, lighting, heating and plumbing unless noted.

| | Frame Type | | | |
|--------------------|------------|-------|-------|-------|
| | 1 | 2 | 3 | 4 |
| Unfinished | | | | |
| Light Util/Storage | 10.90 | 19.87 | 20.07 | 21.27 |
| Heavy Util/Storage | --- | 22.74 | 23.94 | 24.14 |
| Semi - Finished | | | | |
| Light Mfg | 19.70 | 28.71 | 29.14 | 30.31 |
| Heavy Mfg | --- | 31.50 | 31.93 | 33.10 |
| Finished Open | | | | |
| Retail | 25.50 | 35.25 | 35.50 | 36.30 |
| Lobby, Access Way | 28.89 | 38.56 | 38.81 | 39.61 |
| Office | 28.07 | 34.63 | 34.88 | 36.68 |
| Finished Divided | | | | |
| Dinning/Lounge | 30.59 | 40.45 | 40.60 | 40.95 |
| Office | 31.47 | 38.63 | 38.58 | 38.93 |

Add for air conditioning and sprinkler.

Penthouses

Per square foot

ELEVATORS AND STAIRWELLS

| | Area | | | |
|---------------------------|--------|-------|-------|-------|
| | 50 | 75 | 100 | 150 |
| Metal or Light Wood Frame | 50.64 | 42.90 | 38.28 | 32.82 |
| Concrete Block or Equal | 98.53 | 82.76 | 73.36 | 62.24 |
| Brick or Equal | 114.34 | 95.64 | 84.55 | 71.33 |

MECHANICAL ROOMS

| | Area | | | | | | | | | |
|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 200 | 400 | 600 | 800 | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 |
| Metal or Light Wood Frame | 29.52 | 23.34 | 20.64 | 18.96 | 17.88 | 17.04 | 16.38 | 15.90 | 15.48 | 15.12 |
| Concrete Block or Equal | 55.57 | 43.02 | 37.49 | 34.15 | 31.89 | 30.23 | 28.92 | 27.85 | 27.01 | 26.24 |
| Brick or Equal | 63.43 | 48.56 | 41.95 | 38.00 | 35.34 | 33.34 | 31.80 | 30.56 | 29.56 | 28.67 |

NOTE: Price larger structures off of the GCI utility/storage upper floor model.

Mall Concourse Areas

Per square foot.

Costs include paving, ramps, stairs, lighting and typical permanent focal elements, and architectural treatment, such as built-in seating, planters, etc.

OPEN MALL

Open air pedestrian concourse areas, generally referred to as an arcade or courtyard.

COVERED MALL

Covered common areas, consisting of roof cover and open entrance areas. Minimal protection from weather conditions. Typical roof finishes include mansards or canopies. Apply costs to covered area only.

ENCLOSED MALL

Enclosed common concourse areas, completely climatized typical of modern shopping malls where concourse area is bordered on all sides by shops and stores.

Per S. F., average quality construction.

| Type | Construction | Rate | |
|---------------------|---------------------|-------|-------|
| Open | | 9.49 | |
| Covered | Wood Frame | 25.41 | |
| | Steel Frame | 33.63 | |
| | Reinforced Concrete | 35.15 | |
| | F.P. Steel Frame | 37.39 | |
| Enclosed | | First | Upper |
| | Wood Frame | 41.58 | 34.49 |
| | Steel Frame | 49.78 | 44.90 |
| | Reinforced Concrete | 50.93 | 44.84 |
| | F.P. Steel Frame | 51.45 | 45.68 |
| *Additive for walls | | 4.06 | |

Price basements from appropriate model in Schedule A.

Adjust for quality grade from Schedule F.

NOTE: That the above rates are based on a zero (0) P/A ratio, add for walls by applying the additive rate to the subject P/A ratio, and adjusting the result to account for the percentage of walls priced with the shop enclosures. For example, a "T" shaped concourse area 60' x 200' and 60' x 100' x 20' high with shops 16' high would have a perimeter of 720 L/F and a P/A ratio of 4 (720 L/F / 18,000 SF) with 180 L/F of walls full height and 540 L/F clerestory walls 4' high. This amounts to an average of 40% wall coverage (.25 x 100% + .75 x 20%). The additive for walls would therefore be calculated as 4 x the additive rate x 40%.

SCHEDULE E (continued)**GC Special Features****Banking Features**

Cost per square foot of floor area, based on an average 8' ceiling height, exclusive of floor and doors but including lighting, ventilation, and interior finish.

| Type | Low Cost | Average | Good |
|----------------|----------|---------|--------|
| Money Vault | 110.22 | 144.58 | 178.93 |
| Record Storage | 45.66 | 54.40 | 63.14 |

Add for money vault doors (thickness of steel plating w/o locking mechanism)

| Thickness | Rectangular | Circular |
|-----------|-------------|----------|
| 2" | 6500 | --- |
| 3" | 9200 | --- |
| 4" | 16800 | --- |
| 6" | 24200 | --- |
| 8" | 30200 | 110500 |
| 10" | 36400 | 117200 |
| 12" | 44900 | 124000 |
| 14" | 49700 | 131600 |
| 16" | 59600 | 139400 |

Add for record storage vault doors

| | | |
|-----|------------------|------|
| 1/2 | hour fire rating | 1500 |
| 1 | hour fire rating | 2900 |
| 2 | hour fire rating | 3400 |
| 3 | hour fire rating | 3600 |
| 4 | hour fire rating | 3700 |
| 6 | hour fire rating | 4700 |

DRIVE-IN TELLER BOOTHS

Per square foot including finish, lighting, heating, air conditioning (average quality construction)
add for drive-in windows, adjust for quality grade from Schedule F.

| Wall Hgt. | P/A Ratio | | | | | | | | |
|-----------|-----------|--------|--------|--------|--------|--------|--------|--------|------|
| | 35.0 | 40.0 | 45.0 | 50.0 | 55.0 | 60.0 | 65.0 | 70.0 | +/- |
| 8' | 102.80 | 112.15 | 122.60 | 132.03 | 144.02 | 154.98 | 167.56 | 183.54 | 4.79 |
| 9' | 110.83 | 121.28 | 132.92 | 143.47 | 156.79 | 169.01 | 182.99 | 200.70 | 5.31 |
| 10' | 119.88 | 131.54 | 144.48 | 156.24 | 169.50 | 182.97 | 198.36 | 219.62 | 6.38 |

Add per canopy, per square foot

21.70 35.85

Atriums

Typical of those found in contemporary office buildings, hotels and high rise apartments

| Equivalent | | Perimeter Area Ratio | | | | | | | |
|-------------|---|----------------------|--------|--------|--------|--------|--------|--------|-------|
| No. Stories | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | +1 |
| 12' | 1 | 67.60 | 69.80 | 72.65 | 74.87 | 78.48 | 81.45 | 85.20 | 4.50 |
| 22' | 2 | 73.26 | 77.33 | 82.14 | 86.25 | 91.98 | 97.01 | 103.01 | 7.20 |
| 32' | 3 | 78.93 | 84.87 | 91.63 | 97.62 | 105.49 | 112.58 | 120.81 | 9.90 |
| 42' | 4 | 84.59 | 92.40 | 101.12 | 109.00 | 118.99 | 128.14 | 138.62 | 12.60 |
| 52' | 5 | 90.26 | 99.94 | 110.61 | 120.38 | 132.49 | 143.70 | 156.43 | 15.30 |
| 62' | 6 | 95.92 | 107.47 | 120.10 | 131.76 | 146.00 | 159.26 | 174.23 | 17.95 |
| 72' | 7 | 101.59 | 115.01 | 129.59 | 143.13 | 159.50 | 174.82 | 192.04 | 20.65 |
| 82' | 8 | 108.23 | 123.65 | 140.34 | 155.90 | 173.00 | 190.38 | 209.84 | 23.35 |

Add per

add'l floor 6.64 8.64 10.75 12.77 13.50 15.56 17.80 2.70

Per square foot for average quality structural, glazed and fireproofed steel frame construction, adjust for variations in quality grade from Schedule F. It should be noted, however, that typical atrium construction is characterized by good quality materials, workmanship and features. Sprinkler system is priced from Group 4 of the sprinkler schedule. Air conditioning in atrium areas is considered overflow from the main structure and no separate square foot pricing is required to adjust the atrium value.

NOTE: The zero (0) perimeter-to-area ratio is applicable to those areas that have no perimeter walls and therefore must not include an allowance for walls in the square foot rate. These areas are typically found in high rise atriums where structural walls forming the perimeter of concourse shops, offices, hotel units and other such occupancies should be valued as part of that space by applying the appropriate model rather than part of the atrium proper.

| | |
|---------------------------------------|-------|
| Drive-up/walk-up teller windows, each | 10600 |
| Vision window only, per station | 1700 |
| Night depositories, each | 12900 |

Autotellers

| | |
|--|-------|
| Complete with receptacle box, pneumatic tube, and intercom, each | 20400 |
|--|-------|

Tellervues

| | |
|---|-------|
| Complete with receptacle box, pneumatic tube, 2-way screen and intercom, each | 49000 |
|---|-------|

NOTE: The pneumatic tube described above refers to in-ground permanent type construction.

ATM Enclosures, per square foot, average quality

| # of ATM | w/o Lobby | w/Lobby |
|----------|-----------|---------|
| 1 | 556.00 | 261.00 |
| 2 | 316.00 | 191.00 |

Add for canopy, per square foot

21.24

Adjust for quality grade from Schedule F.

SCHEDULE E (continued)

GC Special Features

Health/Recreational Club Facilities

SAUNA BATHS

Per item including heater and controls

| | |
|-------------------|-------|
| 6 x 4 x 7' high | 5600 |
| 6 x 5 x 7' high | 6000 |
| 6 x 6 x 7' high | 8100 |
| 6 x 9 x 7' high | 9700 |
| 8 x 8 x 7' high | 10400 |
| 8 x 10 x 7' high | 12500 |
| 8 x 12 x 7' high | 13800 |
| 10 x 12 x 7' high | 15500 |

STEAM BATHS

Add 20% to sauna bath costs.

WHIRLPOOLS (JACUZZI)

For apartments, motels, health clubs and offices with employee health facilities.

| Number of persons | Concrete | Fiberglass |
|-------------------|----------|------------|
| 4 | 8100 | 6400 |
| 6 | 9700 | 7800 |
| 8 | 12500 | 10100 |
| 10 | 13800 | 11100 |

Indoor swimming pools, see commercial swimming pool schedule.

Marquees

Per square foot of horizontal area

| | Wood Frame | Steel Frame |
|--------------------------------------|---------------|----------------|
| Low Cost Installation | 18.60 | 23.67 |
| Average Installation | 23.32 | 30.22 |
| Good Installation, Elaborate Décor | 28.82 | 38.34 |
| High Cost Installation, Lavish Décor | 40.22 | 53.12 |

Conveying Systems

PASSENGER ELEVATORS

Price per item (in hundreds of dollars)

Electric (passenger operated) geared, variable voltage control.

| FPM | Capacity (100 lb) | | | | | |
|--------------|-------------------|------|------|------|------|------|
| | 15 | 20 | 25 | 30 | 40 | 50 |
| 100 | 493 | 686 | 699 | 712 | 737 | 777 |
| 150 | 576 | 785 | 798 | 809 | 825 | 861 |
| 200 | 642 | 869 | 881 | 886 | 894 | 925 |
| 250 | 699 | 941 | 946 | 949 | 951 | 982 |
| 300 | 750 | 1005 | 1006 | 1004 | 1001 | 1026 |
| 350 | 797 | 1062 | 1058 | 1052 | 1044 | 1070 |
| 400 | 838 | 1113 | 1105 | 1099 | 1082 | 1107 |
| Add per stop | 71 | 71 | 71 | 71 | 71 | 71 |

For manual operated doors, deduct ten percent (10%) of total.

Electric (completely automatic, group controlled) gearless, hi speed, hi rise.

| FPM | Capacity (100 lb) | | | | | |
|--------------|-------------------|------|------|------|------|------|
| | 20 | 25 | 30 | 35 | 40 | 50 |
| 300 | 1392 | 1451 | 1470 | 1483 | 1503 | 1530 |
| 400 | 1537 | 1599 | 1623 | 1635 | 1663 | 1690 |
| 500 | 1696 | 1768 | 1794 | 1807 | 1835 | 1865 |
| 600 | 1867 | 1955 | 1979 | 1995 | 2025 | 2059 |
| 700 | 2069 | 2156 | 2185 | 2204 | 2236 | 2272 |
| 800 | 2285 | 2361 | 2415 | 2438 | 2470 | 2511 |
| 1000 | 2789 | 2908 | 2943 | 2965 | 3012 | 3061 |
| 1200 | 3396 | 3542 | 3586 | 3616 | 3671 | 3729 |
| 1400 | 4147 | 4317 | 4382 | 4411 | 4473 | 4547 |
| Add per stop | 116 | 116 | 116 | 116 | 116 | 116 |

Add per express floor 1810

With openings, use cost per stop from table.

For attended, use eighty-five percent (85%) of total cost.

Hydraulic passenger (power doors)

| FPM | Capacity (100 lb) | | | | | |
|--------------|-------------------|-----|-----|-----|-----|-----|
| | 15 | 20 | 25 | 30 | 40 | 50 |
| 50 | 239 | 332 | 340 | 348 | 340 | 371 |
| 75 | 297 | 401 | 409 | 414 | 402 | 432 |
| 100 | 341 | 459 | 472 | 470 | 451 | 483 |
| 125 | 381 | 509 | 517 | 516 | 493 | 525 |
| 150 | 417 | 557 | 561 | 563 | 534 | 563 |
| 200 | 482 | 643 | 638 | 636 | 598 | 627 |
| Add per stop | 125 | 125 | 127 | 130 | 135 | 142 |

For manual operated doors, deduct ten percent (10%) of total.

Electric (residential type)

| | | |
|--------|--------------------------|-----|
| 20 FPM | 350 lb capacity, 2-stops | 145 |
| | 500 lb capacity, 2-stops | 290 |
| | Add per additional stop | 30 |

Incline lifts

| | |
|------------------------------|-------|
| Single passenger, 20' travel | 7200 |
| Two - passenger, 20' travel | 9200 |
| +/-1' travel | 92.50 |

SCHEDULE E (continued)

GC Special Features

Conveying Systems (continued)

FREIGHT ELEVATORS

Per item (in hundreds of dollars)

Hydraulic, push button operation

| FPM | Capacity (100 lb) | | | | | | | | | |
|------------------------|-------------------|-----|-----|-----|-----|-----|-----|-----|------|------|
| | 20 | 30 | 40 | 50 | 60 | 80 | 100 | 120 | 150 | 200 |
| 50 | 234 | 271 | 297 | 324 | 343 | 375 | 568 | 671 | 820 | 1067 |
| 100 | 312 | 339 | 371 | 394 | 412 | 444 | 668 | 783 | 955 | 1227 |
| 125 | 361 | 390 | 416 | 434 | 453 | 474 | 724 | 845 | 1026 | 1313 |
| 150 | 411 | 442 | 467 | 486 | 504 | 530 | 786 | 918 | 1103 | 1426 |
| Add per stop for doors | | | | | | | | | | |
| Manual | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |
| Power | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 | 164 |

Electric, variable voltage control, push button operation

| FPM | Capacity (100 lb) | | | | | | | | | |
|------------------------|-------------------|-----|------|------|------|------|------|------|------|------|
| | 20 | 30 | 40 | 50 | 60 | 80 | 100 | 120 | 150 | 200 |
| 100 | 569 | 605 | 660 | 723 | 792 | 881 | 1001 | 1131 | 1262 | 1489 |
| 200 | 651 | 699 | 763 | 817 | 881 | 1001 | 1147 | 1370 | 1592 | |
| 300 | 737 | 801 | 883 | 950 | 1033 | 1183 | 1373 | | | |
| 400 | 836 | 914 | 1014 | 1102 | 1208 | 1401 | 1656 | | | |
| Add per stop for doors | | | | | | | | | | |
| Manual | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 |
| Power | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 |

Manual controls-deduct ten percent (10%) from base cost and use manual door cost for stops.

REAR DOORS

add to either the passenger or the freight elevators listed above:

| | |
|-------------------|-----|
| Manual first stop | 76 |
| Additional stop | 59 |
| Power first stop | 133 |
| Additional stop | 114 |

SIDEWALK ELEVATORS (electric or hydraulic)

One floor, 2000-3000 lb capacity 37300

MOVING WALKS

Per L/F at 2% gradient

| Length (Ft) | Width | | |
|----------------|-------|------|------|
| | 36" | 48" | 54" |
| 100 | 2111 | 2281 | 2321 |
| 300 | 1573 | 1684 | 1730 |
| 500 | 1433 | 1518 | 1602 |
| 750 | 1363 | 1416 | 1502 |
| 1000 | 1295 | 1386 | 1440 |
| 1400 | 1202 | 1325 | 1350 |
| 1800 | 1153 | 1212 | 1305 |

For variations in gradients (percentage of rise per linear foot of run) add seven tenths percent (.7%) to the base rate for each additional percent of rise. For example, the base rate for a one hundred feet (100') walk with a rise of fifteen feet (15') (fifteen percent (15%)) would be increased by nine and one-tenth percent (9.1%) (15 - 2 x .7%); the rate for a one hundred fifty feet (150') walk with a rise of fifteen feet (15') (ten percent (10%)) would increase five and six-tenths percent (5.6%) (10 - 2 x .7%).

ESCALATORS

Per moving stairway (in hundreds of dollars)

| 32" Width | | 40" Width | |
|--------------|------|--------------|------|
| Rise in Feet | Cost | Rise in Feet | Cost |
| 10 | 1040 | 10 | 1064 |
| 14 | 1072 | 14 | 1120 |
| 18 | 1208 | 18 | 1296 |
| 22 | 1336 | 22 | 1360 |
| 25 | 1400 | 25 | 1432 |

SCHEDULE E (continued)

GC Special Features

Boilers - Gas and Light Oil Fired

Costs are for industrial type package boilers including pumps, controls and gauges. Costs are for rated horsepower. Boiler output may also be rated in terms of B.T.U. per hour, or pounds of steam per hour at two hundred twelve degrees Fahrenheit (212 F).

1hp = 33,500 BTU per hour
 = 139 square feet of steam radiation
 = 223 square feet of water radiated
 = 34.5 pounds of steam per hour
 1 lb. steam per hour = 970 BTU per hour
 1 sq.ft. of equivalent steam radiation=240 BTU per hour
 1 sq.ft. of equivalent water radiation=150 BTU per hour

Low pressure, fifteen (15) pounds steam, thirty (30) pounds water.

| Rated Horsepower | Fire Tube | Scotch Marine | Water Tube |
|---------------------|--------------|------------------|---------------|
| 4 | --- | --- | 2900 |
| 6 | 7800 | --- | 4100 |
| 10 | 10400 | --- | 6000 |
| 15 | 13400 | 10800 | 7800 |
| 20 | 15700 | 12600 | 9700 |
| 30 | 20100 | 16500 | 13000 |
| 40 | 23800 | 19300 | 16500 |
| 50 | 27400 | 21900 | 19300 |
| 75 | 34300 | 28100 | 25900 |
| 100 | 40900 | 33200 | 32100 |
| 150 | 52300 | 42800 | 43500 |
| 200 | 61800 | 50800 | --- |
| 300 | 78600 | 64400 | --- |
| 400 | 93200 | 76800 | --- |
| 500 | 106800 | 87800 | --- |
| 600 | 118900 | 98300 | --- |

High Pressure

125 pounds water, factor above 1.12
 150 pounds steam, factor above 1.25

Cold Storage Facilities

To estimate total cost of a cold storage plant, determine cost of basic building, then add for insulation and doors. Add for enclosure wall from unit cost tables.

INSULATION

Per square foot of surface area

| Insulation Thickness | Cork Board | Styrene | Fiberglass Board | Foamglass Board | Mineral Wood Batts | Urethane |
|-------------------------|---------------|---------|---------------------|--------------------|-----------------------|----------|
| 1" | 5.67 | 4.58 | 5.06 | 5.80 | 4.58 | 5.06 |
| 2" | 6.65 | 4.76 | 5.19 | 7.02 | 4.70 | 5.98 |
| 4" | 8.85 | 5.19 | 5.67 | 8.91 | 5.19 | 7.56 |
| 6" | 10.37 | 5.73 | 6.10 | 11.10 | 5.61 | 9.27 |
| 8" | 12.20 | 6.22 | 6.53 | 13.24 | 6.10 | 10.92 |
| 10" | 14.15 | 6.71 | 7.02 | 15.25 | 6.59 | -- |

COLD STORAGE DOORS

Per square foot of surface area

| Thickness | To 15 Sq. Ft. | 16-25 Sq. Ft. | 26-40 Sq. Ft. | Over 40 Sq. Ft. |
|-----------|------------------|------------------|------------------|--------------------|
| 4" | 117.92 | 103.17 | 88.72 | 75.70 |
| 6" | 126.05 | 111.97 | 98.89 | 86.24 |
| 8" | 134.85 | 122.14 | 109.80 | 98.21 |

Sliding doors

Single add 25%

Double add 45%

SCHEDULE E (continued)**GC Special Features****Dock Facilities**

Per square foot

LOADING DOCKS

Concrete on fill

| | Height | Perimeter Area Ratio | | | | |
|----------------------------|--------|----------------------|------|-------|-------|-------|
| | | 5 | 10 | 15 | 20 | 30 |
| Concrete Grade Walls | 3'6" | 6.80 | 9.26 | 10.89 | 13.57 | 18.10 |
| | +/- 1' | 0.11 | 0.16 | 0.20 | 0.26 | 0.41 |
| Concrete Block Grade Walls | 3'6" | 6.32 | 8.24 | 9.49 | 11.66 | 15.24 |
| | +/- 1' | 0.11 | 0.16 | 0.20 | 0.26 | 0.41 |

A loading dock has either poured concrete or concrete block perimeter grade walls built on 12" x 18" strip footings with approximately 3'6" of the wall above grade. Many loading docks are 3 - sided additions to existing structures, so calculating the perimeter for the perimeter-to-area ratio represents only the length of the three (3) sides.

DEPRESSED TRUCK AND TRACK AREAS (INSIDE)

| | |
|---|-------|
| Concrete Grade Walls | |
| 3'6" Deep , per linear foot | 59.74 |
| +/- 1' Deep | 12.38 |
| Concrete Block Grade Walls | |
| 3'6" Deep , per linear foot | 47.36 |
| +/- 1' Deep | 8.71 |
| Add per cubic foot of depressed area for excavation | 0.35 |
| Deduct for earth floor, per square foot | 4.18 |
| Deduct for asphalt paving, per square foot | 0.89 |

A depressed truck or track area occurs within the interior of a building. For example, a company builds a building at the surrounding grade level terrain and then excavates an area that is 3' 6" lower depression within that building to accommodate the movement of goods by either truck trailers or railroad cars. The square footage of this lower area is a depressed truck or track area.

Canopies**INDUSTRIAL DOCK TYPE**

Per square foot

| | | | |
|--|-------|----|-------|
| Basic, corrugated metal or composition, wood or steel deck and framing, without soffit or lighting | 13.64 | to | 14.71 |
| Add for soffit and lighting | | | 3.18 |

COMMERCIAL TYPE

Per square foot including lighting and soffit

| | |
|--------------------------------------|----------------|
| Low cost, unfinished soffit | 18.90 |
| Average, finished soffit | 24.47 |
| Good, finished soffit, lighting | 27.02 |
| High cost, finished soffit, lighting | 26.00 to 29.15 |

NOTE: Refer to the residential schedule for patios, porches, porticos, wood decks, balconies, and other residential type features.

STRUCTURAL DOCKS

| | |
|---|-------|
| Wood Floor | |
| Light timber or steel supports | 9.63 |
| Heavy timber or steel supports | 13.50 |
| Concrete Floor | |
| Light steel or concrete supports | 11.44 |
| Heavy steel or concrete supports | 17.25 |
| Add for canopies from below. | |
| A structural dock has either steel or concrete piers inserted into the ground that support the weight associated with a dock. The dock itself is built with either a steel or wood structural frame and capped with a wood or concrete floor. | |

TRUCK WELLS AND RAMPS

| | |
|--|-------|
| Concrete paving, per square foot (incl. fill or excav) | 4.18 |
| Asphalt paving, per square foot (incl. fill or excav) | 3.29 |
| Concrete grade walls, per linear foot | |
| 0' to 3'6" deep or rise | 41.21 |
| +/- 1' deep or rise | 11.83 |
| Concrete Block Grade Walls | |
| 0' to 3'6" deep or rise | 34.19 |
| +/- 1' deep or rise | 8.32 |

A ramp is an incline that starts at ground level and slopes or rises upward to a specific point. A truckwell is an incline that begins at ground level and slopes or falls downward to a specific level. In both instances, side walls are constructed of either poured concrete or concrete block to hold in or hold out dirt or fill materials.

Appendix G

Commercial and Industrial Cost Schedules

SCHEDULE G

Yard Improvements

Fencing

Per linear foot including normal walk-in gates

| | Height | | | | | | |
|--|--------|-------|-------|-------|--------|--------|--------|
| | 4' | 6' | 7' | 8' | 9' | 10' | 12' |
| Galvanize Chainlink | | | | | | | |
| 7 Gauge | 15.36 | 15.99 | 14.95 | 18.55 | 19.86 | 21.19 | 24.51 |
| 9 Gauge | 13.31 | 13.69 | 12.87 | 16.03 | 17.22 | 18.41 | 21.32 |
| Aluminum | 21.06 | 31.59 | 36.83 | 42.12 | 47.41 | 52.65 | 63.18 |
| Iron | 46.28 | 69.39 | 80.95 | 92.56 | 104.11 | 115.67 | 138.83 |
| Modular steel | 20.87 | 31.30 | 36.49 | 41.73 | 46.97 | 52.16 | 62.60 |
| Add for top rail | | | | | | 1.52 | |
| Add for 3 strands of barbed wire | | | | | | 1.39 | |
| Add for service gates, per square foot | | | | 5.87 | to | 7.47 | |
| Deduct for large installations | | | | | | | |
| 1-3000 linear foot | | | | | | -10% | |
| 3-6000 linear foot | | | | | | -15% | |
| Over | | | | | | -20% | |
| Aluminum, galvanized steel prices, add | | | | | | 10% | |

WOOD FENCE

Per linear foot

| | |
|---------------|-------|
| Basket weave | |
| 5' high | 23.50 |
| 6' high | 24.00 |
| Plank | |
| 5' high | 13.50 |
| 6' high | 16.20 |
| Split Redwood | |
| 5' high | 13.90 |
| 6' high | 14.80 |

Masonry Walls

Per linear foot

| | 6' | +/-1' |
|----------------------------|--------|-------|
| 4" Concrete Block, painted | 97.57 | 7.76 |
| 6" Concrete Block, painted | 104.01 | 8.72 |
| 8" Concrete Block, painted | 113.06 | 10.15 |
| 4" Solar Screening Block | | |
| 6" x 6" | 187.92 | 16.52 |
| 8" x 8" | 134.19 | 12.35 |
| 12" x 12" | 93.02 | 9.34 |
| 8" Common Brick | 224.96 | 29.35 |
| 12" Common Brick | 312.86 | 44.00 |
| 4" Face Brick | 154.32 | 20.85 |
| 8" Face Brick, 2 Sides | 283.45 | 38.15 |
| 12" Face Brick, 2 Sides | 371.94 | 47.14 |
| 4" Concrete | 154.99 | 15.02 |
| 6" Concrete | 178.18 | 16.46 |
| 8" Concrete | 185.21 | 18.76 |

This schedule may be applicable to agricultural fertilizer containment walls as well.

Paving

Per square foot

ASPHALT

| | |
|--|------|
| 2" on 5" base | |
| Under 20,000 square feet | 2.38 |
| 20,000-50,000 square feet | 2.18 |
| Over 50,000 square feet | 1.90 |
| Add for sand finish course, 3/4" thick | 2.92 |
| Add for gravel surfacing | 0.27 |
| Add or deduct per 3" base | 0.34 |
| Heavy duty or industrial work areas | 2.58 |

CONCRETE

| | |
|--|------|
| 3" on 4" base | 2.44 |
| 4" on 4" base | 2.71 |
| 5" on 4" base | 3.61 |
| 6" on 4" base | 4.52 |
| 8" on 4" base | 5.31 |
| 12" on 4" base | 6.22 |
| Add or deduct per 2" of base | 0.25 |
| Heavy duty roadways or industrial work areas | 4.60 |

MACADAM PENETRATION

| | |
|---------|------|
| 4" base | 0.40 |
| 6" base | 0.60 |
| 8" base | 0.80 |

CRUSHED STONE PAVING

| | |
|-----------------|------|
| 3/4", delivered | |
| 3" deep | 0.45 |
| 6" deep | 0.80 |

NOTE: All paving prices, including service station and fast food restaurants, should be derived from the above schedules.

Guardrails

| | |
|---------------------------------|-------|
| Per linear foot | |
| Metal guard rail, pipe or posts | 22.50 |
| Barriers posts or poles | 17.20 |

Railroad Siding

Per linear foot, includes rails, wood ties and ballast

| Weight of Rail | Cost | Add for Switch & Turnout |
|----------------|--------|--------------------------|
| 40# | 62.44 | 14900 |
| 60# | 78.47 | 18000 |
| 80# | 92.50 | 20600 |
| 100# | 104.79 | 22900 |
| 115# | 113.56 | 24400 |
| 130# | 121.48 | 26100 |

| | |
|--|-----|
| Add per linear foot of trestles | |
| Single track | 290 |
| Double track | 490 |
| Add per linear foot of steel ties embedded in concrete | 100 |

SCHEDULE G (continued)

Yard Improvements

Retaining Walls

Per linear foot including excavation and backfill, to be considered only if they add value as an improvement over and above the curing contribution considered in the site valuation.

PLAIN CONCRETE, GRAVITY TYPE, NO REINFORCING

| | 6' | 8' | 10' |
|---------------------------|--------|--------|--------|
| Level Backfill | 236.00 | 310.00 | 460.00 |
| Sloping Surcharge (33Deg) | 260.00 | 361.00 | 509.00 |

REINFORCED, CANTILEVER TYPE

| | 6' | 8' | 10' | 20' |
|---------------------------|--------|--------|--------|---------|
| Sloping Surcharge (33Deg) | 236.00 | 287.00 | 397.00 | --- |
| 500 Lb. Per LF. Surcharge | --- | --- | --- | 1100.00 |

CONCRETE CRIBBING

Per square foot of face including excavation and backfill

| | Open Face | Closed Face |
|----------|--------------|----------------|
| 12' High | 45.75 | 48.00 |

STEEL BIN TYPE

Per square foot, based on 10' wide section

| Height | Depth | Cost |
|--------|-------|-------|
| 4' | 5'6" | 38.00 |
| 8' | 5'6" | 39.40 |
| 10' | 7'6" | 46.80 |
| 12' | 7'6" | 48.80 |
| 16' | 7'6" | 52.50 |
| 16' | 10' | 60.40 |
| 20' | 10' | 62.30 |
| 20' | 12' | 64.40 |
| 24' | 12' | 66.20 |
| 24' | 14' | 72.00 |
| 28' | 14' | 74.00 |

Commercial Docking Facilities

SMALL BOAT MARINA

Typical installation, including ramps, anchor piers, utilities, lockers, etc.:

Range (per slip) 5000 to 8500

Typical wood deck on posts & piling, per square foot

| | |
|---------------------|-------|
| Light construction | 21.75 |
| Medium construction | 34.00 |
| Heavy construction | 61.00 |

Heavy concrete deck on piling for major shipping 93.00

MOORING CLUSTERS AND CELLS

| | 20' | 30' | 40' |
|-------------------------|------|------|------|
| Cluster of 3 Wood Piles | 1000 | 1600 | 2000 |
| Cluster of 5 Wood Piles | 1600 | 2500 | 3300 |

Bridges

Typical costs per square foot of deck, including erection foundation

PEDESTRIAN

| | Width | Span | Costs |
|--------------------------|-------|------|--------|
| Precast Concrete | 8' | 60' | 73.80 |
| | 8' | 100' | 80.85 |
| | 8' | 120' | 91.40 |
| | 8' | 150' | 101.95 |
| Steel, Trussed or Arched | 8' | 40' | 70.30 |
| | 8' | 50' | 73.80 |
| | 8' | 60' | 77.35 |
| | 8' | 80' | 91.40 |
| | 8' | 100' | 101.95 |
| | 8' | 120' | 133.60 |
| | 8' | 150' | 144.15 |
| | 8' | 160' | 151.15 |
| Wood, Laminated type | 10' | 80' | 66.75 |
| | 10' | 120' | 105.50 |
| | 10' | 150' | 123.00 |
| | 10' | 200' | 168.80 |
| | | 80' | 63.30 |
| | | 130' | 70.35 |

HIGHWAY

| | Low Cost | Median | High Cost |
|----------|----------|--------|-----------|
| Concrete | 58.00 | 104.00 | 179.80 |
| Steel | 64.00 | 115.00 | 204.50 |

SKYWAY

| | Low Cost | Median | High Cost |
|------------------|----------|--------|-----------|
| Enclosed Walkway | 336.00 | 419.00 | 518.00 |

CELLS, STEEL PILING, FILLED AND CAPPED

Per each

| | 20' | 30' | 40' |
|---------------|-------|-------|-------|
| 3 ' Square | 5900 | 8600 | 11000 |
| 4 ' Square | 8000 | 11600 | 15000 |
| 6 ' Square | 12200 | 17800 | 23000 |
| 8 ' Square | 16900 | 24300 | 31400 |
| 4 ' Diameter | 6700 | 9600 | 12400 |
| 6 ' Diameter | 10200 | 14700 | 19100 |
| 8 ' Diameter | 14000 | 20200 | 26000 |
| 12 ' Diameter | 22200 | 31700 | 40800 |
| 20 ' Diameter | 40800 | 57700 | 73800 |

SCHEDULE G (continued)

Yard Improvements

Tanks

1 Barrel of oil = 42.0 gallons

1 Barrel of water = 31.5 gallons

1 Gallon of water = 8.34 pounds

1 Gallon of water = .1337 cubic feet

Capacity of cylindrical tanks or reservoirs (per foot of depth or height).

| Diameter (Feet) | U.S. Gal | Barrels (42 gal) | Diameter (Feet) | U.S. Gal | Barrels (42 gal) |
|--------------------|----------|---------------------|--------------------|------------|---------------------|
| 1'0" | 5.87 | 0.1 | 27' | 4,283.00 | 102.0 |
| 1'6" | 13.22 | 0.3 | 28' | 4,606.20 | 109.7 |
| 2'0" | 23.50 | 0.6 | 29' | 4,941.00 | 117.6 |
| 2'6" | 36.72 | 0.9 | 30' | 5,287.70 | 125.8 |
| 3'0" | 52.87 | 1.3 | 31' | 5,645.70 | 134.4 |
| 3'6" | 71.97 | 1.7 | 32' | 6,016.20 | 143.2 |
| 4'0" | 94.00 | 2.2 | 33' | 6,398.10 | 152.3 |
| 4'6" | 118.97 | 2.8 | 34' | 6,790.70 | 161.6 |
| 5'0" | 146.88 | 3.5 | 35' | 7,196.00 | 171.3 |
| 5'6" | 177.72 | 4.2 | 36' | 7,613.30 | 181.3 |
| 6'0" | 211.51 | 5.0 | 37' | 8,041.90 | 191.5 |
| 6'6" | 248.23 | 5.9 | 38' | 8,482.40 | 202.0 |
| 7'0" | 287.88 | 6.8 | 39' | 8,934.90 | 212.7 |
| 7'6" | 330.48 | 8.0 | 40' | 9,398.70 | 223.8 |
| 8'0" | 376.01 | 9.0 | 41' | 9,875.80 | 235.1 |
| 8'6" | 424.48 | 10.1 | 42' | 10,362.00 | 246.7 |
| 9'0" | 475.89 | 11.3 | 43' | 10,861.60 | 258.6 |
| 9'6" | 530.24 | 12.6 | 44' | 11,374.00 | 270.8 |
| 10' | 587.48 | 14.0 | 45' | 11,895.30 | 283.2 |
| 11' | 710.90 | 16.9 | 46' | 12,430.10 | 296.0 |
| 12' | 846.03 | 20.2 | 47' | 12,976.10 | 309.0 |
| 13' | 992.91 | 23.7 | 48' | 13,534.80 | 322.3 |
| 14' | 1151.50 | 27.4 | 49' | 14,104.00 | 335.8 |
| 15' | 1321.90 | 31.5 | 50' | 14,685.00 | 349.0 |
| 16' | 1504.10 | 35.8 | 60' | 21,149.30 | 503.6 |
| 17' | 1697.90 | 40.4 | 70' | 28,768.50 | 685.5 |
| 18' | 1903.60 | 45.3 | 80' | 37,598.70 | 895.3 |
| 19' | 2120.90 | 50.5 | 90' | 47,585.90 | 1,133.1 |
| 20' | 2350.10 | 56.0 | 100' | 58,748.00 | 1,339.0 |
| 21' | 2591.00 | 61.7 | 120' | 84,597.10 | 2,014.5 |
| 22' | 2843.60 | 67.7 | 140' | 115,146.10 | 2,742.0 |
| 23' | 3108.00 | 74.0 | 160' | 150,394.90 | 3,581.4 |
| 24' | 3384.10 | 80.6 | 180' | 190,343.50 | 4,532.7 |
| 25' | 3672.00 | 87.4 | 200' | 234,992.00 | 5,596.0 |
| 26' | 3971.60 | 94.6 | 220' | 284,340.30 | 6,771.2 |

Capacity in barrels (oil) = D to power of 2 x .1399 x height
(diameter and height in feet)

Capacity in gallons = D to power of 2 x 5.8748 x height
(diameter and height in feet)

Oil Storage

BOLTED STEEL TYPE

Standard A. P. I. tanks. Costs include roof deck and supports, sand and gravel foundation with retaining ring, painting and typical basic fittings.

| Capacity (Barrels) | Size Dia x Hgt | Cost |
|-----------------------|-------------------|---------|
| 100 | 9' x 8' | 6,600 |
| 200 | 9' x 16' | 10,300 |
| 300 | 9' x 24' | 14,400 |
| 400 | 9' x 32' | 18,600 |
| 500 | 16' x 16' | 22,700 |
| 750 | 16' x 24' | 30,200 |
| 1000 | 22' x 16' | 37,400 |
| 1500 | 22' x 24' | 50,800 |
| 2000 | 30' x 16' | 62,600 |
| 3000 | 30' x 24' | 70,800 |
| 4000 | 39' x 16' | 76,300 |
| 5000 | 39' x 24' | 81,800 |
| 7500 | 39' x 36' | 100,300 |
| 10000 | 55' x 24' | 121,600 |
| 15000 | 55' x 36' | 158,000 |

WELDED STEEL TYPE

Costs include foundations, cone roofs with support outside ladder, steel right curb.

| Capacity (Barrels) | Size Dia x Hgt | Cost |
|-----------------------|-------------------|-----------|
| 2,000 | 30' x 16' | 63,900 |
| 3,000 | 30' x 24' | 72,100 |
| 4,000 | 30' x 32' | 80,800 |
| 5,000 | 38' x 24' | 91,800 |
| 7,500 | 38' x 36' | 107,600 |
| 10,000 | 55' x 24' | 135,400 |
| 15,000 | 55' x 36' | 169,800 |
| 20,000 | 60' x 40' | 206,200 |
| 25,000 | 60' x 50' | 240,500 |
| 30,000 | 80' x 34' | 274,900 |
| 40,000 | 80' x 45' | 314,200 |
| 45,000 | 90' x 40' | 353,700 |
| 50,000 | 90' x 44' | 393,100 |
| 75,000 | 120' x 36' | 549,800 |
| 100,000 | 140' x 37' | 707,800 |
| 125,000 | 160' x 35' | 860,400 |
| 150,000 | 180' x 33' | 1,007,500 |
| 200,000 | 200' x 36' | 1,230,200 |
| 250,000 | 220' x 36' | 1,298,900 |
| 300,000 | 240' x 37' | 1,830,800 |
| 350,000 | 260' x 37' | 1,869,300 |
| 400,000 | 260' x 42' | 2,061,600 |
| 500,000 | 280' x 46' | 2,439,700 |

Add for pontoon floating roof

per foot of diameter 1060 to 1900

Add for double deck roof

per foot of diameter 1170 to 1400

SCHEDULE G (continued)**Yard Improvements****Elevated Steel Tanks**

Per item including foundation, riser pipe, frost case, ladder and walkway, completely installed.

| Capacity (Gallons) | Cost (in \$1000) for Tower Heights | | | |
|-----------------------|------------------------------------|-------|-------|-------|
| | 50' | 75' | 100' | 150' |
| 15,000 | 154 | 172 | 200 | 262 |
| 20,000 | 157 | 176 | 205 | 266 |
| 25,000 | 162 | 179 | 209 | 271 |
| 30,000 | 166 | 184 | 214 | 276 |
| 40,000 | 171 | 189 | 217 | 281 |
| 50,000 | 176 | 194 | 222 | 285 |
| 60,000 | 190 | 211 | 240 | 304 |
| 75,000 | 207 | 231 | 260 | 321 |
| 100,000 | 224 | 246 | 277 | 340 |
| 125,000 | 251 | 275 | 304 | 366 |
| 150,000 | 277 | 301 | 331 | 394 |
| 200,000 | 371 | 401 | 432 | 493 |
| 250,000 | 416 | 454 | 484 | 544 |
| 300,000 | 462 | 506 | 537 | 598 |
| 400,000 | 543 | 593 | 620 | 687 |
| 500,000 | 606 | 659 | 709 | 783 |
| 750,000 | 794 | 859 | 935 | 1,053 |
| 1,000,000 | 1,004 | 1,083 | 1,181 | 1,324 |
| 1,500,000 | 1,397 | 1,504 | 1,645 | 1,862 |
| 2,000,000 | 1,787 | 1,920 | 2,107 | 2,403 |
| Factor* | 1.15 | 1.15 | 1.15 | 1.20 |

*For high stress hurricane and earthquake areas

Welded Steel Pressure

Costs include horizontal installation on legs or saddle pads including normal fittings but not foundations or base plates.

| Capacity (Gallons) | Size Dia x Hgt | Cost |
|-----------------------|-------------------|---------|
| 125 | 2' x 6' | 600 |
| 250 | 2'6" x 9' | 900 |
| 500 | 3'6" x 8' | 1,600 |
| 1000 | 3'6" x 16' | 2,800 |
| 1500 | 5' x 11' | 4,000 |
| 2000 | 5' x 15' | 5,200 |
| 2500 | 5' x 19' | 6,500 |
| 3000 | 5' x 22' | 7,800 |
| 4000 | 5' x 29' | 10,200 |
| 5000 | 5' x 36' | 12,700 |
| 7500 | 6' x 37' | 18,900 |
| 10000 | 6' x 50' | 25,000 |
| 12500 | 6' x 61' | 35,000 |
| 15000 | 7'6" x 50' | 41,100 |
| 20000 | 7'6" x 65' | 51,500 |
| 25000 | 9'6" x 51' | 61,700 |
| 30000 | 11' x 47' | 72,000 |
| 35000 | 11' x 52' | 82,400 |
| 40000 | 11' x 57' | 92,600 |
| 45000 | 11' x 63' | 102,800 |
| 60000 | 11' x 90' | 133,700 |
| 90000 | 11' x 133' | 196,200 |

Towers

Per item of painted towers for flat bottom tanks, including added cost of erection of tank above ground, footings, pipe to ground and balcony.

| Capacity (Gallons) | Tower Height | | | | |
|-----------------------|--------------|-------|-------|-------|-------|
| | 12' | 25' | 50' | 75' | 100' |
| 1,000 | 4800 | 5900 | --- | --- | --- |
| 1,500 | 5500 | 7100 | 11500 | --- | --- |
| 2,000 | 6200 | 7800 | 12700 | 20000 | --- |
| 3,000 | 7200 | 8900 | 14300 | 22700 | 36000 |
| 5,000 | 8400 | 10700 | 17100 | 26100 | 41100 |
| 10,000 | 11300 | 13700 | 21200 | 32200 | 49000 |
| 20,000 | 14400 | 17300 | 26600 | 39400 | 58700 |
| 30,000 | 16800 | 20000 | 29900 | 44300 | 65100 |
| 40,000 | 18500 | 22300 | 32900 | 48300 | 70000 |
| 50,000 | --- | 24400 | 35400 | 51100 | 76900 |
| 75,000 | --- | --- | 40500 | 59300 | 91900 |

Bulkhead Piling

Sea walls, cost per linear foot where typically installed, 10' - 14' depth for small residential jobs. For large commercial projects, costs may be 50% lower.

| | | |
|---|-----|-----|
| Creosoted wood, 8" to 12" including tiebacks | 210 | 320 |
| Concrete, precast, 5" to 6" including ties and piling | 390 | 650 |
| Rubble stone, 3' including 1' of bedding | 520 | 680 |

Earth Dikes

Per cubic foot 0.60

SCHEDULE G (continued)

Yard Improvements

Wood Water Storage

Per item, redwood or fir.

| Capacity (Gallons) | Size (Dia x Hgt) | Tank Cost | Flat Cover | Conical Cover | Chime Joists | Wood Ladder | Steel Ladder |
|-----------------------|---------------------|--------------|---------------|------------------|-----------------|----------------|-----------------|
| 1,000 | 6 x 6 | 3900 | 560 | 890 | 110 | 150 | 160 |
| 1,500 | 7 x 7 | 5000 | 640 | 1050 | 150 | 150 | 160 |
| 2,000 | 8 x 6 | 6000 | 740 | 1230 | 190 | 150 | 160 |
| 3,000 | 8 x 8 | 7500 | 740 | 1230 | 190 | 190 | 210 |
| 4,000 | 9 x 9 | 9000 | 910 | 1590 | 300 | 190 | 210 |
| 5,000 | 11 x 8 | 10300 | 1160 | 1860 | 390 | 190 | 210 |
| 7,500 | 12 x 10 | 12900 | 1480 | 2080 | 440 | 240 | 260 |
| 10,000 | 14 x 10 | 15300 | 1730 | 2530 | 660 | 240 | 260 |
| 15,000 | 14 x 14 | 20000 | 1730 | 2530 | 660 | 310 | 360 |
| 20,000 | 16 x 14 | 24300 | 1900 | 2950 | 900 | 310 | 360 |
| 30,000 | 18 x 16 | 30900 | 2110 | 3450 | 1140 | 360 | 410 |
| 50,000 | 22 x 18 | 42100 | 2600 | 4560 | 1400 | 400 | 460 |
| 75,000 | 26 x 20 | 53400 | 3090 | 5590 | 1690 | 440 | 500 |
| 100,000 | 30 x 20 | 64000 | 3650 | 6790 | 2040 | 440 | 500 |
| 150,000 | 37 x 20 | 81500 | 4640 | 8650 | 2810 | 440 | 500 |
| 200,000 | 43 x 20 | 97000 | 5280 | 10540 | 3450 | 440 | 500 |

Add 33% for cypress tanks.

Add tower cost for elevated tanks.

Add for concrete slab foundations, per cubic foot

7.60 to 9.20

Add cover, joists, and ladders to basic tank cost as necessary.

Standpipes and Surface Reservoirs

Cost includes foundation, roof, ladders and typical accessories.

WELDED STEEL STANDPIPE - (Height exceeds diameter)

| Capacity (Gallons) | Cost | Capacity (Gallons) | Cost | Capacity (Gallons) | Cost |
|-----------------------|---------|-----------------------|---------|-----------------------|-----------|
| 10,000 | 22,600 | 200,000 | 136,000 | 2,000,000 | 628,200 |
| 20,000 | 36,100 | 250,000 | 153,100 | 2,500,000 | 734,400 |
| 30,000 | 47,500 | 300,000 | 169,700 | 3,000,000 | 840,400 |
| 50,000 | 64,800 | 400,000 | 212,200 | 4,000,000 | 1,025,300 |
| 75,000 | 84,700 | 500,000 | 249,000 | 5,000,000 | 1,198,700 |
| 100,000 | 103,200 | 750,000 | 319,800 | 6,000,000 | 1,367,000 |
| 125,000 | 111,400 | 1,000,000 | 369,400 | 7,500,000 | 1,596,700 |
| 150,000 | 120,100 | 1,500,000 | 515,900 | 10,000,000 | 1,950,600 |

CONCRETE WATER TANKS - (Surface reservoir)

| Capacity (Gallons) | Cost | Capacity (Gallons) | Cost | Capacity (Gallons) | Cost |
|-----------------------|---------|-----------------------|---------|-----------------------|-----------|
| 10,000 | 42,500 | 200,000 | 251,000 | 2,000,000 | 927,400 |
| 20,000 | 64,400 | 250,000 | 285,100 | 2,500,000 | 1,056,600 |
| 30,000 | 81,600 | 300,000 | 321,100 | 3,000,000 | 1,189,200 |
| 50,000 | 112,300 | 400,000 | 380,200 | 4,000,000 | 1,454,800 |
| 75,000 | 140,600 | 500,000 | 430,200 | 5,000,000 | 1,721,900 |
| 100,000 | 166,700 | 750,000 | 551,600 | 6,000,000 | 1,983,700 |
| 125,000 | 188,600 | 1,000,000 | 650,200 | 7,500,000 | 2,389,900 |
| 150,000 | 212,900 | 1,500,000 | 790,100 | 10,000,000 | 3,057,800 |

Reservoirs-typical costs of cut and fill reservoirs with concrete or asphalt linings and wood roof structures, per unit of rated capacity \$0.24 per gallon or \$78,200 per acre foot.

SCHEDULE G (continued)

Yard Improvements

Dry Storage Bins

Typical cost per item for bolted steel industrial type bins
(to 55# per cubic foot), installed complete.

CYLINDRICAL TYPE, including foundation and floor slab

| Diameter | Height | | | | | | | | |
|----------|--------|-------|-------|-------|-------|-------|-------|--------|--------|
| | 24' | 32' | 40' | 48' | 56' | 64' | 72' | 80' | 88' |
| Diameter | 6400 | 8100 | 9400 | 10800 | 12300 | 13500 | 14800 | --- | --- |
| 12' | 9900 | 11800 | 16000 | 17600 | 19300 | 20900 | 22500 | --- | --- |
| 15' | 13300 | 16600 | 19800 | 22900 | 25800 | 28800 | 31500 | 34400 | --- |
| 18' | 17300 | 21500 | 25800 | 29800 | 33800 | 37500 | 41400 | 45000 | 48600 |
| 21' | --- | 28300 | 33600 | 38500 | 43400 | 47800 | 52000 | 56600 | 61100 |
| 26' | --- | 39400 | 45600 | 52000 | 58400 | 64600 | 71800 | 78000 | 84400 |
| 32' | --- | 53400 | 63600 | 72800 | 81900 | 90600 | 99500 | 107400 | 115300 |

HOPPER TYPE, including structural supports and footings

| Diameter | Height | | | | | |
|----------|--------|-------|-------|-------|-------|-------|
| | 16' | 24' | 32' | 40' | 48' | 56' |
| 9' | 7500 | 9300 | 10400 | 11600 | --- | --- |
| 12' | 11100 | 13800 | 15400 | 17600 | 19300 | 20900 |
| 15' | --- | 18100 | 21600 | 24500 | 27300 | 29500 |
| 18' | --- | 23400 | 28100 | 32500 | 36000 | 39500 |
| 21' | --- | 28600 | 35900 | 42100 | 47100 | --- |

Factors for

| | | | |
|------------------|------|--------|------|
| 80# Cylindrical | 1.05 | Hopper | 1.10 |
| 100# Cylindrical | 1.15 | Hopper | 1.15 |

Bulk Storage Tanks

VERTICAL BULK STORAGE

Costs are for 10 and 12 gauge bolted galvanized tanks,
including sand & gravel foundations, fittings and roof.

| Capacity (Gallons) | Cost | Capacity (Gallons) | Cost |
|-----------------------|-------|-----------------------|-------|
| 2,000 | 4500 | 15,000 | 14800 |
| 3,000 | 5400 | 20,000 | 18300 |
| 4,000 | 6100 | 30,000 | 26000 |
| 5,000 | 7000 | 40,000 | 33800 |
| 7,500 | 8900 | 50,000 | 41100 |
| 10,000 | 11000 | 60,000 | 48900 |

Add for concrete slab foundations, per SF 4.25

HORIZONTAL BULK STORAGE

Costs are for completely installed tanks, including saddles
or legs and fittings.

| Capacity (Gallons) | Cost | Capacity (Gallons) | Cost |
|-----------------------|------|-----------------------|-------|
| 1,000 | 2400 | 7,500 | 6900 |
| 1,500 | 2600 | 10,000 | 8500 |
| 2,000 | 3000 | 12,500 | 10300 |
| 3,000 | 3800 | 15,000 | 12000 |
| 4,000 | 4400 | 20,000 | 15400 |
| 5,000 | 5000 | 25,000 | 18900 |
| 6,000 | 5600 | 30,000 | 21900 |

Fuel Oil Tanks

Per item for underground steel tanks, installed
complete, including excavation and backfill.

| Capacity (Gallons) | Shell | Cost |
|-----------------------|-------|-------|
| 500 | 10 GA | 2400 |
| 1,000 | 3/16" | 3600 |
| 2,000 | 3/16" | 4900 |
| 3,000 | 3/16" | 5600 |
| 4,000 | 3/16" | 7000 |
| 5,000 | 1/4" | 8500 |
| 7,500 | 1/4" | 11000 |
| 10,000 | 1/4" | 13600 |
| 12,500 | 5/16" | 15800 |
| 15,000 | 5/16" | 17700 |
| 20,000 | 5/16" | 22400 |
| 30,000 | 3/8" | 36600 |

SCHEDULE G (continued)

Yard Improvements

Grain Elevators

| Cost Per Bushel | | | | | |
|-----------------------------|----------------------|-------|--------------------------------------|-------|--|
| Total Bushel Capacity | Wood Crib/Metal Clad | | Concrete (Slip Form Construction) | | |
| | Elevator | Annex | Elevator | Annex | |
| 8,000 | 15.82 | 9.18 | 13.86 | 8.34 | |
| 10,000 | 14.46 | 8.30 | 12.43 | 7.48 | |
| 15,000 | 12.28 | 7.49 | 11.28 | 6.68 | |
| 20,000 | 10.93 | 6.76 | 10.35 | 6.16 | |
| 25,000 | 9.97 | 6.12 | 9.63 | 5.79 | |
| 30,000 | 9.27 | 5.65 | 8.99 | 5.50 | |
| 40,000 | 8.26 | 4.97 | 8.41 | 5.07 | |
| 50,000 | 7.54 | 4.50 | 7.96 | 4.77 | |
| 75,000 | 6.39 | 3.77 | 7.21 | 4.26 | |
| 100,000 | 5.69 | 3.31 | 6.72 | 3.93 | |
| 150,000 | 4.84 | 2.77 | 6.09 | 3.51 | |
| 200,000 | 4.30 | 2.43 | 5.68 | 3.24 | |
| 250,000 | 3.93 | 2.21 | 5.38 | 3.04 | |
| 300,000 | 3.65 | 2.04 | 5.13 | 2.90 | |
| 400,000 | 3.26 | 1.79 | 4.79 | 2.67 | |
| 500,000 | 2.98 | 1.63 | 4.53 | 2.51 | |
| 750,000 | 2.70 | 1.50 | 4.10 | 2.24 | |
| 1,000,000 | 2.43 | 1.39 | 3.83 | 2.06 | |
| Over | 2.19 | 1.32 | 3.14 | 1.65 | |

Trench and Bunker Silos

Per square foot

Horizontal Silos

| | Ground Floor Area (square feet) | | | | | |
|---|---------------------------------|-------|-------|------|------|------|
| | 2000 | 3000 | 4000 | 5000 | 6000 | 8000 |
| Tilt-up concrete panels and precast wall supports, sealed, concrete floor | 13.36 | 11.53 | 10.53 | 9.81 | 9.30 | 8.31 |
| Poles and braces, tilt-up concrete panels, concrete floor | 10.79 | 9.39 | 8.63 | 8.08 | 7.71 | 6.90 |
| Cantilevered poles, plywood or tongue and groove walls, concrete floor. | 9.38 | 8.26 | 7.68 | 7.23 | 6.93 | 6.26 |

Steel Tanks and Corrugated Metal Bins

| Capacity (Bushel) | Bolted or Welded Steel | Corrugated Metal (Per Bin) |
|----------------------|------------------------------|----------------------------------|
| 15,000 | 2.88 | 1.68 |
| 20,000 | 2.74 | 1.61 |
| 25,000 | 2.65 | 1.55 |
| 30,000 | 2.57 | 1.52 |
| 35,000 | 2.51 | 1.49 |
| 40,000 | 2.46 | 1.46 |
| 50,000 | 2.36 | 1.41 |
| 60,000 | 2.29 | 1.36 |
| 80,000 | 2.19 | 1.32 |
| 100,000 | 2.11 | 1.27 |
| 125,000 | 2.04 | 1.22 |
| 150,000 | 1.97 | 1.19 |
| 175,000 | 1.93 | 1.17 |
| 200,000 | 1.88 | 1.14 |
| 250,000 | 1.83 | 1.11 |
| 300,000 | 1.80 | 1.08 |

Horizontal Storage

The following costs are for horizontal or flat storage without loading and/or unloading systems.

| Capacity (Bushel) | Cost Per Bushel | |
|----------------------|-----------------|-------|
| | Wood | Steel |
| 50,000 | 1.26 | 1.47 |
| 75,000 | 1.18 | 1.39 |
| 100,000 | 1.12 | 1.34 |
| 150,000 | 1.06 | 1.27 |
| 200,000 | 1.00 | 1.22 |
| 250,000 | 0.96 | 1.18 |
| 300,000 | 0.94 | 1.15 |
| 400,000 | 0.89 | 1.10 |
| 500,000 | 0.86 | 1.08 |
| 750,000 | 0.80 | 1.01 |
| 1,000,000+ | 0.77 | 0.98 |

SCHEDULE G (continued)**Yard Improvements****Brick and Concrete Stacks**

Per item (in thousands of dollars)
including normal foundation, brick lining for
1/3 of the height, ladder and lightning rod.

| Height | I.D. Top | Brick | Concrete |
|--------|----------|-------|----------|
| 75' | 4' | 61 | 49 |
| | 5' | 69 | 55 |
| | 6' | 87 | 72 |
| 100' | 4' | 81 | 66 |
| | 5' | 93 | 73 |
| | 6' | 116 | 96 |
| | 7' | 127 | 104 |
| | 8' | 147 | 124 |
| 125' | 5' | 117 | 93 |
| | 6' | 146 | 122 |
| | 7' | 161 | 132 |
| | 8' | 185 | 156 |
| | 9' | 229 | 195 |
| 150' | 6' | 175 | 146 |
| | 7' | 193 | 158 |
| | 8' | 222 | 187 |
| | 9' | 275 | 234 |
| | 10' | 304 | 263 |
| 175' | 7' | 225 | 184 |
| | 8' | 259 | 218 |
| | 9' | 321 | 273 |
| | 10' | 355 | 307 |
| | 12' | 382 | 334 |
| 200' | 8' | 296 | 249 |
| | 9' | 366 | 312 |
| | 10' | 405 | 351 |
| | 12' | 437 | 382 |
| | 14' | 515 | 452 |
| 225' | 8' | 334 | 281 |
| | 10' | 413 | 352 |
| | 12' | 457 | 396 |
| | 14' | 492 | 431 |
| | 16' | 580 | 510 |
| 250' | 10' | 413 | 352 |
| | 12' | 457 | 396 |
| | 14' | 492 | 431 |
| | 16' | 580 | 510 |
| | 18' | 659 | 580 |

Steel Stacks

Per linear foot of height, installed complete
including foundation and painted exterior.

| Thickness (At Base) | Diameter at Base | | | | | | | |
|------------------------|------------------|------|------|------|------|------|------|------|
| | 18" | 24" | 30" | 36" | 48" | 60" | 72" | 84" |
| 10 Gauge | 184 | 234 | 282 | 332 | 420 | 515 | 594 | --- |
| 8 Gauge | 212 | 269 | 325 | 372 | 475 | 570 | 665 | --- |
| 1/4" Plate | --- | 348 | 412 | 475 | 602 | 720 | 831 | 950 |
| 3/8" Plate | --- | --- | --- | 602 | 752 | 910 | 1029 | 1148 |
| 1/2" Plate | --- | --- | --- | --- | 871 | 1029 | 1187 | 1346 |
| Guy Wire (L/F) | 0.47 | 0.57 | 0.62 | 0.71 | 0.82 | 0.95 | 1.03 | 1.11 |
| Guy Band (Each) | 52 | 79 | 101 | 123 | 173 | 226 | 277 | 337 |
| Roof Flashing | 364 | 515 | 673 | 831 | 1187 | 1544 | 1900 | 2296 |
| Umbrella Top (Each) | 136 | 207 | 285 | 372 | 562 | --- | --- | --- |

SCHEDULE G (continued)

Yard Improvements

Incinerators

STEEL

Costs include scrubber, but do not include chimney.

| Pounds per Hour | Cost |
|--------------------|---------------|
| 50 | 19400 |
| 100 | 21600 |
| 200 | 27100 |
| 400 | 41200 |
| 600 | 63900 |
| 1000 | 151400 |
| Add for feeder | 7100 to 11000 |

BRICK

Costs include brick work, but do not include chimney or pollution control.

| Pounds per Hour | Cost |
|--------------------|--------|
| 100 | 9800 |
| 200 | 12400 |
| 400 | 18000 |
| 600 | 23000 |
| 1000 | 33300 |
| 2000 | 59700 |
| 3000 | 85700 |
| 5000 | 137900 |

For refractory lining, add 200%.

Drive-In Theaters

Costs are broken into major cost items on a per space basis. Some theaters may be mixed in quality requiring substitution from another grade.

| | D | C | B | A |
|--------------------|-----|-----|------|------|
| Engineering | 101 | 125 | 156 | 191 |
| Grading | 98 | 120 | 149 | 183 |
| Paving | 305 | 392 | 504 | 649 |
| Screens | 111 | 153 | 213 | 294 |
| Ticket Booth | 11 | 13 | 16 | 19 |
| Miscellaneous | | | | |
| Landscaping, etc. | 68 | 98 | 143 | 207 |
| Cost per car space | 694 | 901 | 1181 | 1543 |

UNIT COSTS

The following costs may be used to either make adjustments to the cost per space pricing or as a build-up method to develop a complete theater cost.

| | Low | Average | Good |
|--|---------|---------|---------|
| Screen, per sq. ft. of screen area | | | |
| Wood frame on poles | 17.63 | 19.13 | 22.50 |
| Wood frame on timbers: | | | |
| Plain | 21.40 | 20.10 | 23.40 |
| Ornate | 28.50 | 26.70 | 31.55 |
| Steel frame: | | | |
| Plain | 24.00 | 30.00 | 37.15 |
| Ornate | 32.25 | 30.30 | 35.75 |
| Concrete, with steel-framed screen enclosure | 36.00 | 44.30 | 54.00 |
| Ticket Booths, each | 5256.00 | 5285.00 | 6365.00 |

NOTE: Refer to the 30-year life table for depreciation.

NOTE: All other buildings including projection booths and security fencing should be priced from the appropriate schedule.

Chimneys

BRICK CHIMNEYS

Average cost per foot of height with tile flues, including foundation.

| | |
|----------------------------|--------|
| 8" square or round flue | 132.00 |
| 12" square or round flue | 169.00 |
| 2-8" square or round flue | 174.00 |
| 10" x 18" rectangle flue | 178.00 |
| 1-8" and 1-12" square flue | 210.00 |

METAL CHIMNEYS

Average cost per linear foot for round galvanized metal stacks.

| Size | Single Wall | Double Wall | Triple Wall |
|--|----------------|----------------|----------------|
| 6" | 23.94 | 26.12 | 27.95 |
| 8" | 27.64 | 31.65 | 40.88 |
| 10" | 36.69 | 45.87 | 57.29 |
| Add for thru-the-wall installations. | 175 | to | 280 |
| Add for box framed decorative chimney housing per linear foot: | | | |
| Wood or stucco | 17.75 | to | 26.50 |
| Metal | 35.50 | to | 52.60 |

SCHEDULE G (continued)

Yard Improvements

Greenhouses

Price per square foot of floor space.

Cost includes foundation, light masonry or frame sill walls, glazed upper walls (6' to 7' overall eaves height), roof ventilation, lighting, and water service.

Cost does not include heating and ventilation systems, special watering or sprinkler systems, and planting benches.

| Type and Quality | Square Foot Area | | | | | | | | | | | | | | |
|---------------------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 500 | 1000 | 2000 | 3000 | 5000 | 10000 | 20000 | 30000 | 40000 | 50000 | 60000 | 70000 | 80000 | 90000 | Over |
| Good aluminum/steel | 68.32 | 45.79 | 33.17 | 26.94 | 24.41 | 22.75 | 20.00 | 18.74 | 17.67 | 17.26 | 16.33 | 15.63 | 15.16 | 14.77 | 14.38 |
| Average steel | 66.30 | 45.03 | 33.30 | 27.29 | 18.34 | 17.19 | 14.59 | 13.79 | 13.25 | 12.79 | 12.04 | 11.51 | 11.13 | 10.83 | 10.53 |
| Average pipe | 59.62 | 40.54 | 29.93 | 24.58 | 16.49 | 15.44 | 13.13 | 12.40 | 11.90 | 11.51 | 10.84 | 10.38 | 10.00 | 9.78 | 9.55 |
| Low cost wood frame | 49.76 | 34.09 | 25.54 | 21.19 | 14.07 | 13.21 | 11.12 | 10.49 | 10.03 | 9.71 | 9.18 | 8.80 | 8.50 | 8.27 | 8.05 |

Add for paved floors and walks

| | |
|----------|------|
| Concrete | 3.34 |
| Asphalt | 2.39 |

Add for maintenance and utility buildings, per square foot

| | |
|--------------------------------|-------|
| Cheap shed-type | 11.00 |
| Low cost frame, block or equal | 24.31 |
| Average cost block or equal | 30.38 |
| Average cost brick or equal | 34.44 |
| Good quality brick or equal | 41.31 |

INSTITUTIONAL AND CONSERVATORY GREENHOUSES

Apply the following factors to the good aluminum and steel frame prices.

| | |
|-------------------------------------|------|
| Typical installations | 200% |
| High quality elaborate installation | 300% |

Car Wash Buildings

DRIVE - THRU CAR WASH (Stationary Type, Exterior - Wash)

Per square foot, average quality, completely installed.

| | Good | Avg. | Low Cost |
|-------------------|-------|-------|----------|
| Masonry/Steel | 69.66 | 64.58 | 59.51 |
| Porcelain-Steel | 90.40 | 82.43 | 74.46 |
| Wood Frame/Stucco | 60.94 | 56.13 | 51.32 |

Cost includes concrete slab, floor drains, basic electrical, lighting and water service and equipment enclosure. Add for restroom fixtures from general commercial schedule.

DO-IT YOURSELF

Per item, completely installed (excluding equipment).

| | |
|---------------------|-------|
| Good quality | |
| 2-bay | 33700 |
| Each additional bay | 11700 |
| Average quality | |
| 2-bay | 28000 |
| Each additional bay | 9100 |
| Low cost | |
| 2-bay | 25300 |
| Each additional bay | 7900 |

Swimming Pools

Per square foot of pool surface, reinforced concrete construction, including piping & water treating equipment, heaters, boards, ladders.

MOTEL AND APARTMENT COMPLEX TYPE

| Square Feet | Cost |
|-------------|-------|
| 1,000-1,200 | 62.70 |
| 1,300-1,500 | 60.80 |
| 1,600-2,200 | 57.20 |
| 2,300-2,500 | 52.00 |

SWIM AND COUNTRY CLUB TYPE

| Square Feet | Cost |
|---------------|-------|
| 2,500-4,000 | 75.90 |
| 5,000-6,000 | 68.40 |
| 7,000-9,000 | 63.60 |
| 10,000-20,000 | 59.10 |
| Over | 54.60 |

Add for diving 'L 7.90

| | | |
|--|------|----------|
| Irregular shape | | Add 25% |
| Separate whirlpool bath (range) | 6400 | to 11100 |
| Add for ceramic tile, per sq. ft. tiled area | | 10.45 |
| Add for concrete apron, per square foot | | 4.75 |
| Add for wading pool, per square foot | | 12.00 |
| Price fencing from appropriate schedule. | | |
| Price buildings from appropriate schedule. | | |

LARGE MUNICIPAL POOLS

| | | | |
|----------------------------|------|----|------|
| Complete include bathhouse | | | |
| Per person capacity | 3390 | to | 5080 |

SCHEDULE G (continued)

Yard Improvements

Golf Courses

REGULATION PLAY

Costs per hole are given for five (5) quality grades of golf courses, ranging from cheaply built courses to excellent quality courses designed for professional play.

The costs for each grade have been developed to include the following:

1. Architectural fees to include engineering, planning and on-site supervision (ranging from six percent (6%) to ten percent (10%)).
2. Normal site preparation and grading, and follow-up fairway seeding and landscaping.
3. Sprinkler installation to include the water source, pumps, piping and heads.
4. Roadway construction to include base preparation, paving and bridging for service roads and cart paths.
5. Green construction to include seeding and pre-opening maintenance.
6. Tee construction to include seeding and pre-opening maintenance.
7. Bunker construction to include pre-opening maintenance.

GRADE AA

Superior quality course, designed to accommodate professional championship play, eighteen (18) holes on one hundred eighty (180) acres of rolling and laked terrain, seven thousand two hundred (7,200) yards long, rated par seventy two (72) and featuring a completely automatic sprinkler system throughout, ten thousand (10,000) square feet tiled greens, two thousand four hundred (2,400) square feet tees with three (3) tee locations, an average of three (3) bunkers per hole and good quality asphalt paved roadways.

GRADE A

Excellent quality course, designed to accommodate professional championship play, eighteen (18) holes on one hundred sixty (160) acres of rolling and laked terrain, seven thousand two hundred (7,200) yards long, rated par seventy two (72) and featuring a completely automatic sprinkler system throughout, eight thousand (8,000) square feet tiled greens, two thousand one hundred (2,100) square feet tees with two (2) to three (3) tee locations, an average of three (3) bunkers per hole and good quality asphalt paved roadways.

GRADE B

Good quality private club type course, eighteen (18) holes on one hundred thirty (130) acres of rolling terrain, six thousand four hundred (6,400) to six thousand five hundred (6,500) yards long, rated par seventy (70) and featuring an automatic sprinkler system serving the greens and tees, and a manual system on fairways, five thousand (5,000) square feet tiled greens, one thousand eight hundred (1,800) square feet tees with two (2) tee locations, an average of two (2) bunkers per hole, and good quality asphalt paved roadways.

GRADE C

Average quality public and municipal type course, eighteen (18) holes on one hundred ten (110) acres of primarily flat terrain, six thousand (6,000) yards long, rated par sixty-seven (67) to seventy (70), featuring a semi-automatic sprinkler system, small tees and greens with few bunkers and average quality asphalt or gravel roads.

GRADE D

Fair quality course, eighteen (18) holes on ninety (90) acres of flat terrain, five thousand four hundred (5,400) yards long, rated par sixty-four (64) to sixty-seventh (67), and featuring a manual sprinkler system, small tees and greens with few bunkers and gravel roadways.

BASE COST PER HOLE

| | |
|----------|---------|
| AA Grade | 183,000 |
| A Grade | 132,000 |
| B Grade | 82,000 |
| C Grade | 56,000 |
| D Grade | 28,000 |

NOTE: The costs per hole, and components represent neither the best nor the cheapest quality courses and may be factored upward (ten percent (10%) to fifty percent (50%)) or downward (ten percent (10%) to fifty percent (50%)) as required.

For hybrid courses (courses exhibiting different quality grade features), it may be necessary to interpolate between grades.

TYPICAL COST-RANGE FOR COMPONENTS

| | | |
|----------------------------------|-------|----------|
| Tees | 0.60 | per SF |
| Bunkers | 2.20 | per SF |
| Greens | | |
| Flat | 2.00 | per SF |
| Elevated | 3.70 | per SF |
| Lakes | | |
| Asphalt lined | 2.40 | per SF |
| Plastic & sand | 1.80 | per SF |
| Sprinkler systems | | |
| Manual | 7500 | per hole |
| Automatic | 16000 | per hole |
| Site preparation and landscaping | 6000 | per hole |

SHORT PLAY

Cost range per hole, excluding structures and parking areas.

Executive courses, 18 holes on 50 to 60 acres, 4,600 yards long including sprinkler system, excluding lighting 52000

Par 3 course, 18 holes on 30 to 40 acres, 2,800 to 3,000 yards long, including sprinkler system, excluding lighting 35000

Pitch and putt, 9 holes on 10 to 15 acres, 1,400 to 1,500 yards long including sprinkler system, excluding lighting 25000

GOLF COURSE LAND VALUES

The reproduction cost for a regulation or short play golf course improvement includes a cost for the land of \$ _____ per acre without a consideration of productivity factors. The following formula is used to determine the true tax value of a golf course:

STEP ONE: Determine the number of holes in the golf course.

STEP TWO: Multiply the number of determined in STEP ONE by the base cost per hole

STEP THREE: Determine the amount of acreage in the parcel devoted to the golf course (greens, fairways, roughs, etc.).

STEP FOUR: Multiply the amount determined under STEP THREE by \$495.

STEP FIVE: From the amount determined under STEP

TWO, subtract the amount determined under STEP FOUR.

STEP SIX: To the amount determined in STEP FIVE, apply the appropriate depreciation percentage.

The true tax value of the golf course land is \$1,050 per acre.

SCHEDULE G (continued)

Yard Improvements

Miniature Golf Courses

Typical cost per hole including plumbing but excluding building structures, fencing, and parking areas.

| | |
|---|-------|
| Excellent installation, professionally designed | 16500 |
| Good installation | 11000 |
| Average quality installation | 5000 |
| Low cost installation | 2400 |

Golf Driving Range

Typical cost per station, including station paving, normal fencing, but excluding building structures and parking areas

| | |
|------------------------|------|
| Excellent installation | 5000 |
| Good installation | 3300 |
| Average installation | 2500 |
| Low cost installation | 1700 |

Artificial Turf

Per square foot, for football and baseball, including pad 9.50 to 11.75

Bleachers

Typical cost

| | Seats | Per S.F.* | Per Seat |
|--|--------------|-----------|----------|
| Portable, steel frame, wood benches, outdoor | Up to 800 | 14.50 | 45.25 |
| | Over 800 | 13.44 | 40.38 |
| Permanent, wood frame and benches, outdoor | Up to 1000 | 18.81 | 59.31 |
| | 1000 to 2000 | 17.50 | 54.44 |
| | Over 2000 | 16.38 | 50.13 |
| Permanent, steel frame fiberglass benches, outdoor | Up to 1000 | 29.19 | 91.94 |
| | 1000 to 2000 | 27.13 | 84.38 |
| | Over 2000 | 25.38 | 77.69 |
| Add for roofed area | 6.80 to | 8.75 | per S.F. |

OUTDOOR STANDS OVER DRESSING ROOMS

Including finish and plumbing.

| | Per S.F.* | Per Seat |
|---|-----------|----------------|
| Average wood seats, steel frame | 61.13 | 192.19 |
| Average steel seats, concrete or masonry walls | 68.56 | 212.81 |
| Average concrete seats, concrete or masonry walls | 92.13 | 278.50 |
| Add for roofed area; per sq. ft. | 9.30 to | 15.00 per S.F. |

*Square foot of projected horizontal area

Running Tracks

Per square foot

| | |
|---|------|
| Gravel and cinder on stone base | 1.10 |
| Resilient paving, rubber cork base | |
| Plain | 2.25 |
| Colored | 2.75 |
| Rubberized asphalt, colored | 3.00 |
| Artificial resilient material, asphalt base | 9.75 |

Typical cost for gravel track with minimal requirements for 440 yard oval 21' wide, 24' x 750' long straight-away, including high jump, pole vault, broad jump, discus and hammer throw and shot-put facilities

70,000 to 90,000

Typical cost to include football field 140,000 to 175,000

Sports Stadium

Typical cost range per seating capacity (baseball capacity) for all structural improvements in-place.

| | | | |
|--|-------|----|------|
| Older type parks | 1200 | to | 1500 |
| Modern type parks | 16000 | to | 2400 |
| Enclosed, roofed stadiums, artificial turf, scoreboard | 2300 | to | 4800 |

Tennis Courts

Typical cost range per court, 60 x 120 including fencing.

| | Standard | Deluxe |
|--------------------------|----------|--------|
| Clay surfaced court | 31000 | 43400 |
| Add per additional court | 24500 | 34300 |
| Asphalt surfaced court | 32000 | 44800 |
| Add per additional court | 25000 | 35000 |
| Sod surfaced court | 31500 | 44100 |
| Add per additional court | 25000 | 35000 |
| Add for lighting | 8300 | 11600 |
| Per additional court | 4200 | 5900 |

Paddle Tennis Courts

Typical costs range per set, 54' x 55' deck with two 18' x 39' playing courts, installed complete including deck and supports, accessories.

| | Standard | Deluxe |
|-----------------------------------|----------|--------|
| Bituminous concrete deck, colored | 30000 | 38000 |
| Treated wood deck | 35000 | 46000 |
| Insulated steel deck | 38000 | 46000 |

Shuffle Board Courts

Typical cost per court, 6' x 52' concrete 1700 to 2500

SCHEDULE G (Continued)

Yard Improvement

Mobile Home Parks

General Specifications

EXCELLENT "A"

The excellent mobile home park provides deluxe accommodations for the largest single and double wide homes. It will have complete and various recreational facilities of top quality and feature generous amounts of landscaping, sprinkler systems, etc.

GOOD 'B'

The typical good park is one catering to the larger, permanent mobile home. It will accommodate a limited quantity of double wides and will feature complete recreational facilities. All utilities are underground and may include cable TV systems.

AVERAGE 'C'

This type of park is built more for permanent occupancy and will have spaces to accommodate the manufactured home up to sixty (60) feet but few if, any, double wide versions. They will have utility buildings, office and possibly recreational facilities, electrical costs include underground service and telephone

to most sites as well as street lighting.

LOW COST "D"

Developed for transient or semi-permanent occupancy, these parks usually have car-drawn trailers up to forty-five feet (45) long. They feature limited planning and facilities and have sewer or septic system hook-ups and water, but not gas hook-ups, except to utility buildings and electrical service is overhead.

CHEAP 'E'

Typical of sites developed in outlying rural areas where there is minimal or no building code enforcement. There will be close spacing and few facilities and are designed for smaller mobile homes. They feature water service to common hydrants with no trailer hook-ups.

COST PER SITE

| Quality Grade | A | B | C | D | E |
|---|-------|-------|------|------|------|
| *Site Size (Sq. Ft.) | 2700 | 5100 | 2000 | 4700 | 1700 |
| **Cost Range (\$) | 12330 | 13090 | 8900 | 9990 | 5850 |
| Components of above cost | | | | | |
| Engineering | 1210 | 1300 | 900 | 1010 | 600 |
| Site Grading | 1160 | 1240 | 810 | 920 | 510 |
| Street Paving | 1800 | 1910 | 1330 | 1490 | 880 |
| Patios and Walks | 1550 | 1640 | 1010 | 1140 | 660 |
| Sewers | 1180 | 1250 | 960 | 1080 | 730 |
| Water | 1150 | 1210 | 880 | 980 | 600 |
| Electric | 1930 | 2040 | 1430 | 1600 | 950 |
| Gas | 750 | 800 | 530 | 590 | 330 |
| Misc. (landscaping, recreation, facilities, etc.) | 1600 | 1700 | 1050 | 1180 | 590 |
| Total | 12330 | 13090 | 8900 | 9990 | 5850 |

*Site size refers to the average of the actual site on which the mobile home is situated, exclusive of access drives, recreation areas, and service areas.

**The cost range per site includes all of the components shown above, naturally, if the sites being appraised do not include all of the above components, proper deductions should be made according to the above schedule.

NOTE: In appraising mobile home parks through the use of this schedule, complete the following steps:

1. Enter the number of sites and proper rate in the SUMMARY OF IMPROVEMENTS section and calculate reproduction cost.
2. Apply proper depreciation considering age and condition (use residential guidelines)

3. Appraise other structures (i.e. garages, community rooms, laundry buildings, etc.) from appropriate schedules.

NOTE: This schedule is NOT to be used for recreational vehicle parks.

SCHEDULE G (continued)

Yard Improvements

Riverboat Cost Schedules

For Indiana property tax purposes, the reproduction cost of a riverboat licensed under IC 4-33 shall be computed in accordance with Schedule A or B in this section. Typical cost range per certified capacity for all structural components in-place. Certified capacity is the maximum persons capacity as prescribed by the regulations of the Coast Guard, Department of Transportation. For purpose of this section, certified capacity includes both passengers and crew.

SCHEDULE A

Riverboats licensed in counties contiguous to Lake Michigan:

| | | |
|-----------------------------|------------|------------|
| Certified capacity of 2,000 | 19,000,000 | |
| More than 2,000, add | 2,500 | per person |
| Less than 2,000, deduct | 2,500 | per person |

Example: A Lake Michigan riverboat has a certified capacity of 3,000 persons. The difference in capacity between the subject and the model is 1,000 people. To calculate the boat's reproduction cost, multiply the capacity difference of 1,000 by the per person cost and add it to the base as follows:

$$\begin{array}{rcl} 2,500 \times 1,000 & = & 2,500,000 \\ 19,000,000 + 2,500,000 & = & 21,500,000 \end{array}$$

SCHEDULE B

Riverboats licensed in counties contiguous to the Ohio River:

| | | |
|-----------------------------|------------|------------|
| Certified capacity of 2,000 | 17,100,000 | |
| More than 2,000, add | 2,500 | per person |
| Less than 2,000, deduct | 2,500 | per person |

Example: An Ohio River riverboat has a certified capacity of 1,600 persons. The difference in capacity between the subject and the model is 400 people. To calculate the boat's reproduction cost, multiply the capacity difference of 400 by the per person cost and deduct it from the base as follows: and add it to the base as follows:

$$\begin{array}{rcl} 2,500 \times 400 & = & 1,000,000 \\ 17,100,000 - 1,000,000 & = & 16,100,000 \end{array}$$

Landfill Liners

The following schedule is to be used in assessing liners installed within landfills.

A landfill liner is a series of layers of special earth materials and plastic that is placed within the landfill cell to retain leachant within the structure and discourage subterranean water from infiltrating the cell. The rates given represent a composite build-up of the liner and can be used as either a system total or on a component basis depending on the subject landfill.

Once the subject's rate has been determined, multiply the desired rate by either the number of square feet or the acreage within each cell and calculate a depreciation percentage from the twenty (20) year life expectancy table. Record the true tax value as a sound value item in the "Summary of Improvements" section of the property record card.

The land value for the area underneath the cell should be valued at the commercial unusable undeveloped rate with a "floating one (1) acre" at the primary rate until the cell has been closed. After closure, the entire acreage of the cell is valued at the commercial unusable undeveloped rate.

| | Per S.F. | Per Acre |
|---------------------------------------|-------------|--------------|
| Compacted soil barrier (10" to 24") | 0.65 | 28300 |
| Flexible membrane liner (60 mil.) | 0.45 | 19600 |
| Geosynthetic clay liner blanket (30") | 0.55 | 24000 |
| Sand drainage layer (12") | 0.50 | 21800 |
| Total | 2.15 | 93700 |

Protective cover layer - part of unusable undeveloped rate.

SCHEDULE G (continued)

Yard Improvements

Commercial-Type Solar Heating and Cooling System Base Rates

For large commercial applications, multiply the system's total collector square feet by the following square feet base rates. To arrive at the system's correct reproduction cost, determine the rate from the schedule below by choosing a rate, listed to the nearest five thousand (5,000) square feet, that is closest to the subject's system total area. Do not interpolate between rates.

| Square Footage | Per S.F. |
|-----------------|----------|
| 5,000 to 10,000 | 63.87 |
| 15,000 | 57.23 |
| 20,000 | 55.60 |
| 25,000 | 54.38 |
| 30,000 | 53.39 |
| 35,000 | 52.58 |
| 40,000 | 51.88 |
| 45,000 | 51.27 |
| 50,000 and over | 50.73 |

Geothermal Heating and Cooling

System Base Rates

HORIZONTAL CLOSED LOOP SYSTEMS

| System Tonnage | HCLSWD w/distribution | HCLSWOD w/o distribution |
|----------------|--------------------------|-----------------------------|
| 2 Ton | 9800 | 8600 |
| 2.5 Ton | 12500 | 10500 |
| 3 Ton | 15400 | 12800 |
| 3.5 Ton | 18100 | 15000 |
| 4 Ton | 20800 | 17100 |
| 5 Ton | 25700 | 21300 |
| 6 Ton | 30600 | 25500 |

VERTICAL CLOSED LOOP SYSTEMS

| System Tonnage | VCLSWD w/distribution | VCLSWOD w/o distribution |
|----------------|--------------------------|-----------------------------|
| 2 Ton | 11700 | 10300 |
| 2.5 Ton | 14800 | 13000 |
| 3 Ton | 18100 | 15600 |
| 3.5 Ton | 21300 | 18100 |
| 4 Ton | 24500 | 20800 |
| 5 Ton | 30400 | 25900 |
| 6 Ton | 36200 | 31100 |

OPEN DISCHARGE OPEN LOOP SYSTEMS

| System Tonnage | ODOLSWD w/distribution | ODOLSWOD w/o distribution |
|----------------|---------------------------|------------------------------|
| 2 Ton | 8400 | 7200 |
| 2.5 Ton | 10700 | 8800 |
| 3 Ton | 13100 | 10400 |
| 3.5 Ton | 15400 | 12100 |
| 4 Ton | 17600 | 13800 |
| 5 Ton | 21600 | 17200 |
| 6 Ton | 25500 | 20600 |

RETURN WELL OPEN LOOP SYSTEMS

| System Tonnage | RWOLSWD w/distribution | RWOLSWOD w/o distribution |
|----------------|---------------------------|------------------------------|
| 2 Ton | 9200 | 8100 |
| 2.5 Ton | 11500 | 9700 |
| 3 Ton | 13900 | 11400 |
| 3.5 Ton | 16100 | 13000 |
| 4 Ton | 18500 | 14600 |
| 5 Ton | 22400 | 18000 |
| 6 Ton | 26300 | 21300 |

SPECIAL USE COMMERCIAL PROPERTY COST SCHEDULES

Fast Food Restaurant Base Costs

Per square foot, C - Grade quality and design

| Area | Cost | Area | Cost |
|------|--------|------|-------|
| 700 | 140.12 | 2200 | 88.86 |
| 800 | 133.90 | 2300 | 87.78 |
| 900 | 128.70 | 2400 | 86.71 |
| 1000 | 118.17 | 2500 | 85.80 |
| 1100 | 113.79 | 2600 | 84.89 |
| 1200 | 109.42 | 2700 | 84.12 |
| 1300 | 106.25 | 2800 | 83.34 |
| 1400 | 103.08 | 2900 | 82.65 |
| 1500 | 100.67 | 3000 | 81.96 |
| 1600 | 98.26 | 3500 | 78.58 |
| 1700 | 96.35 | 4000 | 76.76 |
| 1800 | 94.44 | 4500 | 75.27 |
| 1900 | 92.91 | 5000 | 74.03 |
| 2000 | 91.38 | 5500 | 72.93 |
| 2100 | 90.12 | 6000 | 72.00 |

Add for basements per square foot

| Area | Unfinished | Finished Open | Finished Divided |
|------|------------|------------------|---------------------|
| 200 | 55.62 | 98.85 | --- |
| 400 | 42.64 | 83.35 | --- |
| 600 | 37.08 | 76.55 | 88.45 |
| 800 | 35.47 | 72.45 | 84.46 |
| 1000 | 33.86 | 69.62 | 81.71 |
| 1200 | 32.43 | 67.60 | 79.75 |
| 1400 | 31.00 | 65.96 | 78.16 |
| 1600 | 29.58 | 64.70 | 76.93 |
| 1800 | 28.15 | 63.63 | 75.89 |
| 2000 | 26.72 | 62.69 | 74.97 |
| 2200 | 27.28 | 61.93 | 74.24 |
| 2400 | 27.14 | 61.24 | 73.56 |
| 2600 | 27.00 | 60.67 | 73.01 |
| 2800 | 26.86 | 60.10 | 72.46 |
| 3000 | 26.01 | 59.60 | 72.03 |
| 3200 | 25.35 | 59.22 | 71.60 |
| 3400 | 24.68 | 58.78 | 71.23 |
| 3600 | 24.02 | 58.46 | 70.87 |
| 3800 | 23.35 | 58.09 | 70.56 |
| 4000 | 22.69 | 57.77 | 70.25 |

Add for canopies per square foot

Quality Grade and Design Factors

To be applied to the C - Grade prices above.

| | | |
|----|-----|---|
| A | 160 | A |
| -1 | 150 | |
| +2 | 140 | |
| +1 | 130 | |
| B | 120 | B |
| -1 | 115 | |
| +2 | 110 | |
| +1 | 105 | |
| C | 100 | C |
| -1 | 95 | |
| +2 | 90 | |
| +1 | 85 | |
| D | 80 | D |
| -1 | 70 | |
| +2 | 60 | |
| +1 | 50 | |
| E | 40 | E |

Paving

Per square foot
See commercial yard paving rates

Detached Canopies

Per square foot

| | |
|--|-------|
| Low cost installation | 15.87 |
| Average installation | 17.49 |
| Good installation | 20.18 |
| High cost installation, elaborate finish and décor | 24.42 |

Note: Solariums should be included in the base area and priced using the appropriate base rate.

SPECIAL USE COMMERCIAL PROPERTY COST SCHEDULES (continued)

Stations with Service Bays

Per square foot C - Grade quality and design.

| Area | Cost | Area | Cost |
|------|-------|------|-------|
| 600 | 96.21 | 1400 | 71.31 |
| 700 | 90.08 | 1500 | 70.39 |
| 800 | 85.50 | 1600 | 69.48 |
| 900 | 81.91 | 1700 | 68.57 |
| 1000 | 79.06 | 1800 | 67.65 |
| 1100 | 76.72 | 2000 | 65.20 |
| 1200 | 74.79 | 2200 | 63.18 |
| 1300 | 73.13 | 2400 | 61.46 |

NOTE: For drive-thru car wash bays see car wash building schedule.

Stations without Service Bays

Per square foot C - Grade quality and design.

| Area | Cost | Area | Cost |
|------|--------|------|-------|
| 150 | 171.68 | 800 | 76.77 |
| 200 | 145.52 | 900 | 74.07 |
| 250 | 128.84 | 1000 | 71.93 |
| 300 | 117.22 | 1100 | 70.15 |
| 350 | 108.49 | 1200 | 68.68 |
| 400 | 101.75 | 1300 | 67.44 |
| 500 | 91.77 | 1400 | 66.01 |
| 600 | 84.74 | 1500 | 65.38 |
| 700 | 80.17 | 1600 | 64.77 |

Add for unfinished basements

| Area | Cost | Area | Cost |
|------|-------|------|-------|
| 200 | 55.62 | 1000 | 33.86 |
| 400 | 42.64 | 1200 | 32.43 |
| 600 | 37.08 | 1600 | 29.58 |
| 800 | 35.47 | | |

Add for attached canopies, per square foot.
Typical steel frame including soffit and lighting
Typical unfinished wood frame including lighting

Public Restroom Building

Per square foot.

| Area | Cost | Area | Cost |
|------|--------|------|-------|
| 125 | 122.48 | 800 | 88.01 |
| 150 | 117.27 | 900 | 87.45 |
| 200 | 109.97 | 1000 | 87.16 |
| 250 | 104.99 | 1100 | 86.97 |
| 300 | 101.30 | 1200 | 86.94 |
| 400 | 96.10 | 1300 | 86.93 |
| 500 | 92.59 | 1400 | 86.44 |
| 600 | 89.95 | 1500 | 86.91 |
| 700 | 88.75 | 1600 | 87.26 |

Paving

Per square foot.

See commercial yard paving rates

Quality Grade and Design Factors

To be applied to the C - Grade prices above.

| | | | | | | |
|----------|----|-----|--|----------|----|----|
| A | | 160 | | | -1 | 95 |
| | -1 | 150 | | | +2 | 90 |
| | +2 | 140 | | | +1 | 85 |
| | +1 | 130 | | D | | 80 |
| B | | 120 | | | -1 | 70 |
| | -1 | 115 | | | +2 | 60 |
| | +2 | 110 | | | +1 | 50 |
| | +1 | 105 | | E | | 40 |
| C | | 100 | | | | |

Detached Canopies

Per square foot.

Includes lighting, soffits and supports.

| | Steel | Wd, Frame and Sheath |
|----------------------------------|-------|----------------------|
| Low Cost Installation | 18.90 | 8.82 |
| Average Quality Installation | 24.47 | 10.97 |
| Good Quality Installation | 27.02 | 11.72 |
| High Cost Elaborate Installation | 29.15 | 12.13 |
| Add 25% for round canopy | | |

Self - Service Cashier Booths

LOW COST

Per square foot

Open style booth,
minimum elect.,
no plumbing

| Area | Cost |
|------|--------|
| 25 | 255.68 |
| 50 | 185.70 |
| 75 | 142.00 |
| 100 | 132.33 |
| 125 | 125.40 |
| 150 | 116.83 |
| 175 | 110.10 |
| 200 | 104.71 |
| 225 | 100.18 |
| 250 | 96.43 |
| 275 | 93.16 |
| 300 | 90.27 |

GOOD (STEEL)

Good security structure
with bullet-proof glass
and 2 plumbing fixtures.

| Area | Cost |
|------|--------|
| 25 | 431.62 |
| 50 | 351.93 |
| 75 | 275.64 |
| 100 | 255.97 |
| 125 | 206.53 |
| 150 | 191.51 |
| 175 | 179.81 |
| 200 | 170.50 |
| 225 | 162.74 |
| 250 | 156.32 |
| 275 | 150.75 |
| 300 | 145.86 |

Add/deduct for plumbing
Add for intercom system

1300 per fixture.
380

AVERAGE (STEEL)
Per square foot
Typical cashier booth,
good elect.,
no plumbing

| Area | Cost |
|------|--------|
| 50 | 308.11 |
| 75 | 262.96 |
| 100 | 208.12 |
| 125 | 195.48 |
| 150 | 157.79 |
| 175 | 147.01 |
| 200 | 138.53 |
| 225 | 131.75 |
| 250 | 121.34 |
| 375 | 117.22 |
| 300 | 113.59 |

Add 25% for bullet-proof glass.
Add for plumbing.

Location Cost Multipliers

The residential cost schedules in this manual are based on the building costs for residential structures in the Indianapolis metropolitan area as of January 1, 2011. By applying these cost schedules, the assessing official is attempting to calculate the replacement cost new of a residential structure within his/her jurisdiction. Since construction costs vary from one jurisdiction to another, it shall be necessary to apply location cost multipliers to the costs published in this guideline in order to accurately reflect actual costs within his/her jurisdiction.

These location cost multipliers can be determined in one of two ways. The first and most accurate method is for the county assessor to develop a location cost multiplier for his/her respective county. This can be done using techniques such as surveying residential contractors to determine actual construction costs or by comparing the cost of residential structures built and sold on or about January 1, 2011 to the costs published in this manual. The county assessor may use any acceptable technique of estimating a location cost multiplier and must submit the technique and resultant multiplier to the DLGF for review and approval prior to its application in the county.

The second method, which is presented as an alternative to the preferred method, is to use the location cost multipliers listed in Table G-1 below. These multipliers have been developed by reviewing comparative cost multipliers for various Indiana localities as published in several national cost services.

The location cost multiplier is to be applied to all residential improvements, not just the main structure, in order to arrive at replacement cost new. The only exception to this is with manufactured and mobile homes, they will not receive a cost multiplier, as they are typically built in a given location and delivered to various locations to be used. The proper place for applying the location cost multiplier is discussed in Chapters 3, 4 and 5 of this manual.

Table G-1--Location Cost Multipliers by County

| COUNTY | MULTIPLIER | COUNTY | MULTIPLIER | COUNTY | MULTIPLIER |
|-------------|------------|------------|------------|-------------|------------|
| Adams | 91.00% | Hendricks | 100.00% | Pike | 90.00% |
| Allen | 91.00% | Henry | 86.00% | Porter | 105.00% |
| Bartholomew | 91.00% | Howard | 89.00% | Posey | 99.00% |
| Benton | 90.00% | Huntington | 91.00% | Pulaski | 90.00% |
| Blackford | 86.00% | Jackson | 91.00% | Putnam | 100.00% |
| Boone | 100.00% | Jasper | 95.00% | Randolph | 86.00% |
| Brown | 94.00% | Jay | 86.00% | Ripley | 93.00% |
| Carroll | 89.00% | Jefferson | 92.00% | Rush | 100.00% |
| Cass | 89.00% | Jennings | 91.00% | St. Joseph | 94.00% |
| Clark | 92.00% | Johnson | 100.00% | Scott | 92.00% |
| Clay | 92.00% | Knox | 89.00% | Shelby | 99.00% |
| Clinton | 100.00% | Kosciusko | 94.00% | Spencer | 95.00% |
| Crawford | 92.00% | LaGrange | 91.00% | Starke | 97.00% |
| Daviess | 89.00% | Lake | 105.00% | Steuben | 91.00% |
| Dearborn | 93.00% | LaPorte | 104.00% | Sullivan | 92.00% |
| Decatur | 91.00% | Lawrence | 92.00% | Switzerland | 93.00% |
| Dekalb | 91.00% | Madison | 100.00% | Tippecanoe | 90.00% |
| Delaware | 86.00% | Marion | 100.00% | Tipton | 100.00% |
| Dubois | 89.00% | Marshall | 94.00% | Union | 86.00% |
| Elkhart | 94.00% | Martin | 89.00% | Vanderburgh | 99.00% |
| Fayette | 86.00% | Miami | 89.00% | Vermillion | 92.00% |
| Floyd | 92.00% | Monroe | 92.00% | Vigo | 92.00% |
| Fountain | 90.00% | Montgomery | 100.00% | Wabash | 89.00% |
| Franklin | 93.00% | Morgan | 100.00% | Warren | 90.00% |
| Fulton | 89.00% | Newton | 94.00% | Warrick | 99.00% |
| Gibson | 99.00% | Noble | 91.00% | Washington | 92.00% |
| Grant | 89.00% | Ohio | 93.00% | Wayne | 86.00% |
| Greene | 92.00% | Orange | 92.00% | Wells | 91.00% |
| Hamilton | 100.00% | Owen | 92.00% | White | 90.00% |
| Hancock | 100.00% | Parke | 92.00% | Whitley | 91.00% |
| Harrison | 92.00% | Perry | 89.00% | | |